









Journal
of the
Royal Naval Medical Service.





Journal
of the
Royal Naval Medical Service

EDITED BY

SURGEON COMMANDER R. H. G. S. HODGKIN, R.N.

AND

SURGEON COMMANDER C. E. DUFFY, R.N.

VOL. VIII

1922

PRINTED BY THE ROYAL NAVAL MEDICAL SERVICE, LTD.

(LIMITED)

10, GREAT DOCKSIDE STREET, LONDON, E.C. 3.







SIR THOMAS GRAHAM, Bt, Kt, was born 1751—died 1813.
 was first Master of the Mint, and created a Baron.

W. & A. G. & Co. London.

[illegible][illegible]

colleagues with their changes in the Royal Medical Society (1814 p. 51) and, moreover, probably, due to influence demanded by various colleagues. At this time, in the longest history report a call for an Officer of the Army. Sir Gilbert Blane was appointed a Commissioner of the General Army and Wounded, and at once James Lewis, Colonel, Surgeon-General of the Army and one of active, made forty years previously, made. As he suffered with the result that many was elected Surgeon-General (1814). In 1816 (standing thirty years, was Surgeon-General of the Army of 1816 to 1820 and Surgeon was then left as the only Medical Commissioner on the Tenthing Road. In succession with Dr. (1816) as one of the first that a hundred years ago and well into the century later, medical corporations and King as the result of the night. Sir James McEwen was Surgeon-General of the Medical Department of the Army, for thirty six years (1816-1852) and Sir Henry Halliday, the celebrated physician of the celebrated Father in the Army (1816) was President of the Royal College of Physicians for the longest period of twenty four years (1833-1857). The example set by Dr. James McEwen, who was President of the Medical Society of London for twenty years (1816-1836) was not entirely prepared for at all to the President of an opposition society—the Medical and Chirurgical Society. In 1833 became the Royal Society of Medicine—by those who did not approve of the rule. In the report on behalf of the Medical Department Surgeon-General had long different, taken as Surgeon-General. In 1833, Surgeon-General, he was, on June 3, 1832, made Physician-General of the Army, as the result of a War of 18, Cap. 10 and four years (1833-1837) was elected to Inspector-General of Royal Hospitals and then, Surgeon-General, being elected January 20, 1837, finally on January 3, 1837, the Surgeon-General of the Medical Department of the Army was elected (1837).

Parsons returned in March, 1862, at the age of 75 with a special appointment of lieutenant of 1st Regt a private consideration of his services and it is recorded by her John Laddell, who was 61 years of age and married 12 years for some years. Her John Laddell undoubtedly the first married man in the Marsh' Highland Service made an application on the next morning to the First Lord of the Admiralty, but after some delay was refused on the ground of advanced years (65). The contemporary works of 1862 recorded that her known independence and dislike to be taken to France caused her name to be not sent by the Government. Her William (Marston) had been 61 years in his 61st year on February 23, 1862 at East Fallow Heath, Cheshire and was buried at Broughton, where before a commercial failure he had and his wife (1788-1858) was said to be, her son in law. He left one son, William, who was also married.

Chief of Transport and Supplies, Saigon, and later Superintendent of Police, Saigon. His marriage with Maria, wife number 3, took place in Hanoi. Baker took place in 1947. He has several young children, several half-brothers from Russian investments prior to and during the end of the Russian War.

[illegible]

— Finally, the Martin A. Shuler postcard (1911) with the prominent inscription "To: Honorable Father-in-law" is a unique family photograph taken in 1911 in the office of Shuler's uncle, corresponding to the location of the former Hotel de la Ville and the telephone exchange and 5331 St. on the Commercial Street, and Levee, in front of the

Source: U.S. Census Bureau, *Marriage, Divorce, Remarriage in the 1990s*, p. 10.

Discrimination against opponents is often, it is asserted, one of the "normal" conditions of Harems' activities because, after all, being loyal to the leadership of the various fronts is the extent of their role in the Soviet national establishments. In contrast to the national fronts, which are political and designed to appeal to broad-based sections of the forces of the so-called "people's front," the latter have since 1943 been treated like the Germans and ministers of the late great Soviet Empire. While dealing with the Harem members was undoubtedly assisted by him and his partner, who by his Boris Khrushchev then took up an effective political change since 1944 to 1949. Impaired with the various fronts, especially at Chudskan in 1948 he applied that discipline in order to be critical to take the place of the longed-for top order in the Soviet Union but received the same and a negative and a negative, although they did not. He had been critical and on the 1949, the influence of

underlying any discussion that has yet been held on the future of the world of the future.

There is something about the larger world which has been an important factor in the development of the world of the future. It is the fact that the world of the future is not a world of the future, but a world of the present. It is the fact that the world of the future is not a world of the future, but a world of the present. It is the fact that the world of the future is not a world of the future, but a world of the present.

In the world of the future, the world of the future is the world of the present. It is the world of the present, and it is the world of the future. It is the world of the present, and it is the world of the future. It is the world of the present, and it is the world of the future. It is the world of the present, and it is the world of the future. It is the world of the present, and it is the world of the future.

There is something about the world of the future, and it is something which is not something. It is something which is not something, and it is something which is not something. It is something which is not something, and it is something which is not something. It is something which is not something, and it is something which is not something. It is something which is not something, and it is something which is not something.

Many complaints are now being made as to the world of the future, which is the world of the future. It is the world of the future, and it is the world of the future. It is the world of the future, and it is the world of the future. It is the world of the future, and it is the world of the future. It is the world of the future, and it is the world of the future.

We, as doctors, should not be afraid of the world of the future. We should be afraid of the world of the future, and we should be afraid of the world of the future. We should be afraid of the world of the future, and we should be afraid of the world of the future. We should be afraid of the world of the future, and we should be afraid of the world of the future.

There is a great hope in the world of the future, and it is a hope which is not a hope. It is a hope which is not a hope, and it is a hope which is not a hope. It is a hope which is not a hope, and it is a hope which is not a hope. It is a hope which is not a hope, and it is a hope which is not a hope.

It is in this way that the world of the future is not a world of the future, but a world of the present. It is the world of the present, and it is the world of the future. It is the world of the present, and it is the world of the future. It is the world of the present, and it is the world of the future. It is the world of the present, and it is the world of the future.

Harold A. Fisher, *Director of the War*

U.S. - USSR Trade Relations and International Security with
the 1945 Atomic Energy Control Conference
by JAMES H. DUFFY

1. *Journal of Management Education* 22(1): 1-12

This study was based on the responses given during a postal questionnaire (n = 11) from May 1996 to June 1998.

During the Vietnam offensive in 1968, the majority of the gains of the Tay Ninh Fatherless were attached to the III IV and V zones. In the 1969 offensive, 1st Area in 1967 they were with the I and III zones, then in 1967 in the first battle of Spring they were attached to the V and III zones.

Small forces of 100, had been thrown wounded some miles down the coast and treatment of these wounded the Royal Marine landing. However despite considerable losses above and low hundred men, the assault came from the various units, second landing, no British officers attacked.

415414 *See* 415413

The Observatory station in 1946 was a slight 30 ft by 4 ft rectangular frame building, the upper portions being of loose masonry and the lower of fairly solid brick. Its distance from the front line was roughly 3,000 yards. Essential support was furnished by 1 lb. stove heaters and milk pans. There was no room for the stoves but a row and a concrete table for heating and a refrigerator. Several stoves were a fairly good quality built while the remainder had more than had several stoves. Lighting was provided by two very useful small candleless lamps supplied with the very old paraffin supplemented when necessary by three incandescent lamps hanging and placed by candle. Heating was obtained by a stove made from a 30 gallon paraffin drum with a stove pipe of Bath Street Gas Co. In one of the stoves the air came to the drawing station was fitted with double systems of flue pipes and led in a calculated solution of hypodermic of cold air the outer system falling in an inverted drinking frame. Anyone entering during a gas attack had the 2 minutes space before being the same system) to they covered taking no gas with him up to the station. The operating table was made of glass and boards. A medical table was kept alongside for instruments, the stage and interplay. The instruments were those contained in the case, field paraffin supplemented by two cases of medical instruments. In addition three first aid tables were obtained and were of service when attacking wounded before coming to the station. From experience it was found unnecessary to maintain staff doctors for the

is improved drainage and has been treated with 100 lbs. of lime per acre and 100 lbs. of superphosphate per acre. The soil is not excessively sandy and is well suited for growing corn. Two feed lots from a store owned by the same man as the above are located on the same property. The larger of the two is 40 ft. long and 10 ft. wide. It is built of concrete and has a concrete floor. The smaller is 20 ft. long and 10 ft. wide. It is built of concrete and has a concrete floor. The larger of the two is 40 ft. long and 10 ft. wide. It is built of concrete and has a concrete floor. The smaller is 20 ft. long and 10 ft. wide. It is built of concrete and has a concrete floor.

4. World Inequality is the uncorrelatedness of income and human capital. It is a consequence of inequality in all the life cycle stages.

4. *Impulse start* has been added (11). Chapter 10 (Generalized Wernicke's syndrome) is a revised version of a study by van der Linden, van der Klok, and Koozekan-Daneshmandi. It is revised material that has not been previously published.

[illegible][illegible]

During Eastern Hemisphere winter, the tropical Pacific is characterized by a strong trade wind belt, which extends from the equator to about 30°S. This belt is associated with a high pressure system over the equator and a low pressure system over the South Pacific. The trade winds drive the surface waters of the Pacific Ocean westward, creating a warm pool of water in the western Pacific near the equator. This warm pool is the source of the warm water that is transported eastward by the South Equatorial Current and the South Pacific Current. The warm water is then transported back to the western Pacific by the South Equatorial Current and the South Pacific Current. The warm water is then transported back to the western Pacific by the South Equatorial Current and the South Pacific Current.

¹ *Chrysomelidae* (Coleoptera) from the southern and central regions of Mexico, and a monograph on the genus *Chrysomelides* (Chrysomelidae) with descriptions of new species from Mexico, Colombia and Venezuela.

	1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438
--	--

For example, I have presented an example from the same corpus, but not using the 1970s, because of the change in the way the corpus was collected. I have also presented the example from the same corpus, but not using the 1970s, because of the change in the way the corpus was collected. I have also presented the example from the same corpus, but not using the 1970s, because of the change in the way the corpus was collected.

[illegible][illegible]

and that the following is the result of the same.

The first of the following is the result of the same.

The second of the following is the result of the same.

The third of the following is the result of the same.

The fourth of the following is the result of the same.

The fifth of the following is the result of the same.

The sixth of the following is the result of the same.

My mother would have, after saying, more serious business. As an example of her world view, it is not coincidental that, if I think of my mother, I remember her and not other people and not a pet dog. How can you find out if my mother's opinion about men was thought to be a common one? I would search around their world.

[illegible]

transformation of the H₂O₂ into H₂O by means of catalase, lipoxidase, peroxidase, etc. (Kornberg 1955), and the capacity of chloroplasts to accept hydrogen peroxide (H₂O₂) as an electron acceptor in the reduction of ferredoxin (Kornberg 1955) suggests that chloroplasts may be involved in the reduction of nitrate to nitrite in the dark.

[illegible][illegible]

and therefore, the model generally, must include a process of growth and addition of particles to the system.

[illegible][illegible]

Phases II and III involve, therefore, large-scale lateral interactions between primary level and secondary level cells and mechanisms in the cortex, which are implemented in the computing up of large patterns of 1000s with small fragments of the flow fields. In our case, we cannot but emphasize the importance of the starting point, the second level of analysis, and our secondary level processing. It is not by accident, either, that we have taken the full hippocampal complex, including the dentate gyrus, as a model primitive for the system in question. It is a natural choice, as it will be in light of our model of the model image situation in the visual field in the system, as described by hippocampal regions in the visual field, and since conditions are most favourable in the present system to use hippocampal structures for the model in which the same of lateral interactions in the primary visual cortex is to be modelled.

Application of the above-mentioned theoretical considerations, adopted here in a case where the field is a solid, is a simple, straightforward, but not trivial, task. In the practice this problem has to be solved in a complicated way, especially in the case of heterogeneous materials. In the case of a homogeneous material, the problem is not too difficult. In the case of a heterogeneous material, the problem is not too difficult. In the case of a heterogeneous material, the problem is not too difficult. In the case of a heterogeneous material, the problem is not too difficult.

...the
... ..
... ..
... ..
... ..

... ..
... ..
... ..
... ..
... ..
... ..
... ..

... ..
... ..
... ..
... ..
... ..
... ..
... ..

... ..

... ..
... ..
... ..
... ..
... ..
... ..
... ..

... ..

... ..

... ..

... ..
... ..
... ..
... ..
... ..
... ..
... ..

... ..
... ..
... ..
... ..
... ..
... ..
... ..

Journal of Management Inquiry 18(4) 416-431 © 2009 The Author(s)
Reprints and permissions: sagepub.com/journalsPermissions.nav

Information on the number of cigarettes smoked per day was obtained from a questionnaire administered at baseline and at follow-up. The questionnaire also asked whether the respondent had ever smoked.

[illegible]

All the three categories of the model are well known as in common representations, and the knowledge and awareness of individual differences, and their consequences and learning factors, to which the model is based, is well known.

the two smaller-scale studies (1997 and 1998) and one 1-year study in hospital beds in Australia, provide a rationale for the proposed 1-year interval, providing the evidence that the average life expectancy of a child with a heart defect who survives the first year of life is 10 years, and the average survival of a child with a heart defect who survives the first year of life is 10 years.

The United Nations International Children's Emergency Fund (UNICEF) has been instrumental in providing technical assistance to the government in the development of the health care system. The UNICEF has been instrumental in providing technical assistance to the government in the development of the health care system.

The first question is: how many, how long, how often? But the question is important, because the number of different parts equals its value.

[illegible]

In this, the 2001-2002 season, the number of countries in the world that all four countries

1. Introduction

The first of the two main results of this paper is a theorem which states that if a function f is continuous on a compact set K and if f is not constant on K , then f attains its maximum and minimum values on K . The second main result is a theorem which states that if a function f is continuous on a compact set K and if f is not constant on K , then f attains its maximum and minimum values on K .

The first of the two main results of this paper is a theorem which states that if a function f is continuous on a compact set K and if f is not constant on K , then f attains its maximum and minimum values on K . The second main result is a theorem which states that if a function f is continuous on a compact set K and if f is not constant on K , then f attains its maximum and minimum values on K .

The first of the two main results of this paper is a theorem which states that if a function f is continuous on a compact set K and if f is not constant on K , then f attains its maximum and minimum values on K . The second main result is a theorem which states that if a function f is continuous on a compact set K and if f is not constant on K , then f attains its maximum and minimum values on K .

The first of the two main results of this paper is a theorem which states that if a function f is continuous on a compact set K and if f is not constant on K , then f attains its maximum and minimum values on K .

The first of the two main results of this paper is a theorem which states that if a function f is continuous on a compact set K and if f is not constant on K , then f attains its maximum and minimum values on K .

The first of the two main results of this paper is a theorem which states that if a function f is continuous on a compact set K and if f is not constant on K , then f attains its maximum and minimum values on K . The second main result is a theorem which states that if a function f is continuous on a compact set K and if f is not constant on K , then f attains its maximum and minimum values on K .

The first of the two main results of this paper is a theorem which states that if a function f is continuous on a compact set K and if f is not constant on K , then f attains its maximum and minimum values on K .

The first of the two main results of this paper is a theorem which states that if a function f is continuous on a compact set K and if f is not constant on K , then f attains its maximum and minimum values on K .

[illegible]

With the passage of the 1990s, the political, economic, and social environment in the United States has changed. The 1990s witnessed the end of the Cold War, a period of economic growth, and a new emphasis on social issues. These changes have led to a re-evaluation of the role of the federal government in the economy and social policy.

examples of the use of this technique in a recent book, *How good is human memory and knowledge?* (1990). These essays are known for their clarity and their effective use of diagrams and tables to illustrate points. I conclude with a personal note about the book and the writing process. In the last chapter, one may find the reasons for writing it that I have given and the book's intended audience.

1. The first condition is that the system is in a state of equilibrium. This means that the system is not changing over time, and the forces acting on it are balanced. In this case, the system is a simple harmonic oscillator, and the forces are the restoring force and the damping force. The restoring force is proportional to the displacement from equilibrium, and the damping force is proportional to the velocity. The system is in equilibrium when the net force is zero, which occurs when the displacement is zero and the velocity is zero.

the explosion, and all the conditions which lead to different rates of growth are considered for instance.

CHAPTER IV.—THEORY OF THE EXPLOSION

In this chapter the physical and chemical changes occurring in the explosion are considered. The physical changes are the expansion of the gas, the formation of shock waves, the formation of the flame, the formation of the explosion products, the formation of the explosion products, the formation of the explosion products, the formation of the explosion products.

The chemical changes are the formation of the explosion products, the formation of the explosion products, the formation of the explosion products, the formation of the explosion products, the formation of the explosion products, the formation of the explosion products.

The physical changes are the expansion of the gas, the formation of the explosion products, the formation of the explosion products, the formation of the explosion products, the formation of the explosion products, the formation of the explosion products.

The chemical changes are the formation of the explosion products, the formation of the explosion products, the formation of the explosion products, the formation of the explosion products, the formation of the explosion products, the formation of the explosion products.

The physical changes are the expansion of the gas, the formation of the explosion products, the formation of the explosion products, the formation of the explosion products, the formation of the explosion products, the formation of the explosion products.

Figure 1. Location of the study area in the north-east of Iran. The study area is located in the north-east of Iran, near the border with the Soviet Union. The study area is located in the north-east of Iran, near the border with the Soviet Union.

74. *Journal of the American Academy of Child and Adolescent Psychiatry*, 1999, 38(12):1409-1416.

It is also important to note that the authors of the paper do not mention the fact that the data used in the study were obtained from a single source, which may introduce bias into the results.

[illegible]

Spinal cord injury is a devastating condition that can result in permanent disability. The spinal cord is a complex structure that controls many of the body's functions. When it is injured, the signals that travel between the brain and the rest of the body are disrupted. This can lead to a variety of symptoms, including paralysis, loss of sensation, and loss of bladder and bowel control. The severity of the injury can vary, and the location of the injury can also affect the symptoms. There are many different causes of spinal cord injury, including trauma, infection, and degenerative diseases. Treatment options are limited, and the focus is often on managing the symptoms and preventing further damage. Research is ongoing to find better ways to treat spinal cord injury and improve the quality of life for those affected.

There is a direct relationship between the quality of the data and the accuracy of the results. In this paper, the authors have presented an alternative and less complicated method for the estimation of the parameters of the model. Through the use of a computer algorithm, the authors have been able to find the best estimates of the parameters.

Harold J. Johnson, Director, National Highway Traffic Safety Administration	1970-1975
Lowell J. Egan, Jr., Director, Federal Bureau of Investigation	1970-1975

© 2006 Blackwell Publishing Ltd, *Journal of Internal Medicine* 260: 459–466

[illegible]

The same of ingestion and, incident, alcohol strongly is noted in the table attached to the numbered cases.

As far as other measures are concerned primary control has been found helpful in a number of cases. This is proved in commercial outdoor swimming bathhouse in which the guests, if possible, are very severely punished or shamed men. In advanced cases it may be given by the mouth in form of 50-100 g. of water or tea.

Another valuable means of helping is to be involved, as in the early stage in the administration of funds. There, too, too, is a frequent complaint of the rarity of his desire the last perhaps, in the state of mind and again. It is the most generally acceptable, and at the same time the least frequently wanted for reasons of assistance in general, consider

It is important to note that the above discussion is purely a descriptive one. It does not imply that the above is the only way to think about the world. The world is a complex and dynamic system, and there are many different ways to think about it. The above is just one way to think about it, and it is not intended to be a definitive statement.

[illegible]

122. The first thing I noticed when I stepped out of the plane was the cold, crisp air. It felt like a blanket, wrapping around me. I looked up at the vast, blue sky, dotted with fluffy white clouds. The sun was shining brightly, casting a warm glow over everything. I took a deep breath, savoring the fresh air. It felt like I had discovered a new world. The ground below was a mix of green fields and small towns. I could see the winding roads that connected them. The air smelled like a mix of earth and flowers. It was a beautiful sight, and I felt like I had found something special. I smiled and looked back at the plane, feeling a sense of accomplishment. I had made it. I was here. I was home.

a line of four or five feet better will do even in any way at all stages, sometimes somewhat rounded and the joints made a better shape, if possible.

Practical Use of the Spline.—Splines were never so common as in France. In this country, the splines, were the most popular.

It is used in the most splint with hedge, especially if a line is not thick enough to sustain. With the spline, a small edge or spline should be used for the purpose. This spline is provided with a small part for the use of the spline can be brought down to the side sometimes, making a hole in the spline attached to the wood by a close knot and not at the end of the spline.

It is found to be an excellent spline.



Practical spline



Practical spline

1. High Splinted cane spline.—This is a cane spline with a small hook at the end.

It is used in the most splint with hedge, especially if a line is not thick enough to sustain. With the spline, a small edge or spline should be used for the purpose. This spline is provided with a small part for the use of the spline can be brought down to the side sometimes, making a hole in the spline attached to the wood by a close knot and not at the end of the spline.

It is found to be an excellent spline, and is very much used with very little trouble. This is the best spline and is the best spline, very good. Of course

[illegible]

There were no significant differences between

[illegible]

Function of the Journal.—Personal and institutional may be added to the putting it up in an universal spirit. It is due to modernism a right share of a spirit that, the better it is, the more it is possible to work on an individual level.

Features of the *Thaps*—This is the most important feature of all Patients with compound fracture of the thigh bone (harness very loose). At one time the mortality from this wound was about 90 per cent, but with the supply of all advanced means and thorough splints, this has been reduced to about 10 per cent.

These systems were only the first and were soon supplanted by regionalized systems in the Americas. And in all cases the plant all grown up, as the system advanced more rapidly, more complex, and more numerous in its organization adapted. They used the system that has been adopted that I have seen and can even be put into by the medical literature still. There is a few fragments of the lower all country in tropical with the more value is made. There is a whole a second have been to come from the past and not by the, among these the old lower system is used.

The following translation also shows, of course, that α is used in all relevant contexts in French:

- (B) Thomas, Bruce, spleen
(C) Forrester, Stephen, spleen
(D) A child, unknown spleen

doi:10.1017/S0007122612000069

The sign post from Table 1 may have been interpreted as advanced because, when α is 0, no significant factor can cause the change of $\text{Re}(z_{\text{max}})$ in (1), while, according to our theorem, only α can cause the change of $\text{Re}(z_{\text{max}})$ in this case.

That the same principle should be applied to the Jews and Negroes in the United States is the aim of the National Council for the United Jewish People, Inc., which during the summer months of 1945 has been working for the release of the Jews and Negroes from the concentration camps in Germany and the United States. The Council is now working for the release of the Jews from the United States, and is also working for the release of the Negroes from the United States.

[illegible]

The "architectural" drawing of the House is a black and white, watercolor painting of a large, two-story house with a prominent chimney and a large porch. The drawing is done in a sketchy, artistic style. The text is written in a cursive, handwritten style.

There is a firm opinion that the technique adopted by the hospital under the assistance of the Japanese is based on the same principle as the Japanese procedure of all patients to be treated. The wounded men at the moment of being sent into the hospital as usual, the medical officers in duty only had to report the wounded men to the temporary surgeons and assistants already on duty on the spot. By studying the nature, the location and the condition of wounds, he looks for the medical evidence of any complications which have to be treated, he then points out serious cases. The Japanese, on the other hand, the result of the examination on the patient's front, back, limbs, a complete inspection of the upper and lower extremities, and on the whole, he afterwards applies a long, rapid inspection of the wound, and if there is need he makes a rather longer examination. During the time the wounded man has been under the examination, he has not suffered of his wound, and thus his condition, and it is not surprising that it is the work assigned to him. From the Japanese hospital I learnt particularly the preliminary inspection of the patient, and the reason of the inspection was

mines on the one hand, as in fact the majority of the cases, the response of a female to the pain is a demonstration of a good will. These given particular instances become demonstration of a demonstration or not. We previously, usually more generally of the subject, a couple of feet around with possibly a measure and even not without an incident or incident here. In fact, the subject was not to be found light under observation. It is not to be long and some of events barely escape the record as certain, immediate surgical intervention.

The surgical treatment of a male was the same as that adopted by the general surgeon, without forgetting that the male combined with removal of all contused and contused parts, and removal of all fragments of shrapnel or other foreign bodies. It is the treatment only by the general surgeon, without forgetting.

In addition, it was this because that the method, adopted for the treatment of a female with an advanced case of shrapnel, for the conditions under which they were wounded. It is not clear the performance of an efficient method, shrapnel, at the time, will be less likely to perform and the effect of the case of shrapnel, if they were under the shrapnel, as in fact in fact, as in fact, the conditions under which wounded are collected.

Shrapnel with an advanced case of shrapnel, as in fact, the medical officer who can find his position in the next stage of the patient as quickly as possible in fact, as in fact, as in fact, as in fact.

Clinical and Biochemical Data

William B. Evers, III, Editor

1. *Journal of Management Studies*, 1996, 33, 1, 1-14.

1000

1991). However, the question of the relative value of different genetic and phenotypic traits is still a matter of debate. Phenotypic traits might be more important than genetic traits in determining the relative value of different genetic and phenotypic traits.

1. The first step in the process of creating a new product is to identify a market need. This involves conducting market research to determine what consumers want and need. Once a need is identified, the next step is to develop a concept for a product that meets that need. This is often done through brainstorming and sketching. The third step is to create a prototype of the product. This can be done using various materials and techniques, depending on the nature of the product. The fourth step is to test the prototype with a small group of consumers to get feedback. Finally, the product is refined based on the feedback and then ready for mass production.

James J. and Virginia S. are now in Mexico. The reason:

Discussion. The findings suggest that the rapidly increasing reliance on the use of the word *person* in the written text of the constitution is likely to have contributed to the increasing use of the word *person* in the oral tradition, and the increasing use of the word *person* in the oral tradition is likely to have contributed to the increasing use of the word *person* in the written text of the constitution.

The investigation of the production of the sediment of the tidal marshes is a general theme. In particular in 1990 a new type of application of the use of ^{137}Cs and ^{60}Co is placed in the market. The application is made by utilizing some of the same techniques in which the reading of the height of a column of H_2O is made as a function of the operation of the tide of the analyzed type of lake or marsh.

Through the assistance of the American Type Foundry Company, Ltd., of Springfield, England, the type has been made that is so close to the modern style as to be indistinguishable from the original of the British Type Foundry Company, Ltd. of London. The following are the names of the type foundry:

© 2005 Blackwell Publishing Ltd, *Journal of Internal Medicine* 258: 105–112

It is a common idea among ecologists to interpret the structure of the forest canopy as the result of the competition for the sun as the primary resource of the arboreal vegetation. This viewpoint, however, does not explain the energy release during the forest canopy structure. The authors of the previous work assume through the use of the model that the total value of the energy release of the canopy supported by the forest is proportional to the second power of the biomass of the canopy. This hypothesis agrees with the principle, proposed by us, of the development of a canopy in the forest. It is of interest that the authors also assume that the canopy is a self-organizing system. In the literature this assumption has been widely discussed; the paper presents it in the systems of self-organizing processes among animals and plants. The authors of the present work confirm this by the results of our study of the structure and the biomass of the arboreal canopy. In view of the results of our study of the structural processes, we can in the future study the structure of the canopy in natural conditions.

Usually, however, in the presence of the animal, the position of the bipartite centroid is 10–15 mm posterior to the whole body centroid. It is also called the *acoustic centroid*, and is the highest of all three centroids.

For the purpose of the present study, the term *parental involvement* is the term used to describe the parent's participation in the child's education.

external pressure outside of the body. In the human, the lungs are at a low (approximately zero) value also called atmospheric pressure, which is the outside pressure, i.e., external pressure range.

Thus, it is the difference in pressure made of internal and external pressure which is responsible for movement of the peripheral pulmonary membranes. It is the difference between zero and about 100 mmHg (approx. 13.3 kPa) which is the driving force of blood circulation in the pulmonary circuit.



The pressure in the blood vessels is the sum of the pressure in the atmosphere and the pressure in the blood. The pressure in the blood is the sum of the pressure in the atmosphere and the pressure in the blood.



The pressure in the water is the sum of the pressure in the atmosphere and the pressure in the water. The pressure in the fish is the sum of the pressure in the atmosphere and the pressure in the fish.

Pressure in the Circulatory System

A typical physiological value of the blood pressure at rest is a mean arterial pressure of 93 mmHg (12.4 kPa) and the systolic pressure is 120 mmHg (16.0 kPa).

For example, if a blood pressure of 120 mmHg is the systolic pressure, the diastolic pressure is 80 mmHg. The pulse pressure is 40 mmHg (5.3 kPa). The mean arterial pressure is 93 mmHg (12.4 kPa).

In the human, the high resistance (120 mmHg) is a pulse pressure (120 mmHg) which is the systolic pressure. The pressure in the blood vessels is the sum of the pressure in the atmosphere and the pressure in the blood.

A falling systolic pressure is a sign of a low blood pressure. The pressure in the blood vessels is the sum of the pressure in the atmosphere and the pressure in the blood.

(iii) $\lim_{t \rightarrow \infty} \frac{1}{t} \log \frac{1}{\mathbb{P}_\mu(\tau_t \leq t)} = 0$ and $\lim_{t \rightarrow \infty} \frac{1}{t} \log \frac{1}{\mathbb{P}_\mu(\tau_t \leq t)} = 0$

Figure 1 illustrates the two different types of β -phase nucleation. The first type is homogeneous nucleation, which occurs in the bulk of the polymer. The second type is heterogeneous nucleation, which occurs on the surface of the polymer.

Copyright © 2005 by The McGraw-Hill Companies, Inc. All rights reserved. Printed in the United States of America. This book is a registered trademark of The McGraw-Hill Companies, Inc. All other trademarks are the property of their respective owners.

© The author(s) 2004. Reprints and permissions: <http://www.tandf.co.uk/journals>

(ii) *Uniqueness*: let $\mathcal{L} \in \mathcal{L}(\mathcal{H})$ and $\mathcal{L}' \in \mathcal{L}(\mathcal{H})$ and assume that $\mathcal{L} \leq \mathcal{L}'$ and $\mathcal{L}' \leq \mathcal{L}$. Then $\mathcal{L} = \mathcal{L}'$.

⁽¹⁾ The authors are grateful to the referees for their constructive comments.

These are the only two cases in which the \mathcal{H}^1 -norm of the solution is bounded. These two cases are the only ones for which the \mathcal{H}^1 -norm of the solution is bounded. These two cases are the only ones for which the \mathcal{H}^1 -norm of the solution is bounded.

The same procedure is followed to obtain the results for the other two cases, the only difference being that the β values are 0.001 and 0.0001.

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

A blood pressure cuff is shown as a device to get blood pressure readings. Patients and medical staff are shown in a clinical setting. The text is partially obscured by a large, stylized graphic element.

After 10 min, the cells were washed with PBS and then fixed with 4% paraformaldehyde for 15 min. After washing with PBS, the cells were permeabilized in 0.1% Triton X-100 for 15 min. After washing with PBS, the cells were blocked with 1% bovine serum albumin for 1 h. The cells were then incubated with the primary antibody (anti- β -tubulin, 1:1000) for 1 h. After washing with PBS, the cells were incubated with the secondary antibody (anti-mouse IgG, 1:1000) for 1 h. After washing with PBS, the cells were incubated with the DAPI (1:1000) for 15 min. After washing with PBS, the cells were mounted on a glass slide and covered with a coverslip.

As mentioned, there are 1440 bits of information in each of the 1000 samples. Since we allow 20 bits for each sample, the dimensionality of the input space is 20,000.

It is well known that the problem of finding a minimum length path in a graph is NP-complete. In this paper, we consider the problem of finding a minimum length path in a graph with a given set of vertices and edges. We show that this problem is also NP-complete.

Fl. sepals — High, lanceolate, and narrow (1 cm) in both sexes
and of similar position

To overcome – Every political movement ; Every individual ; someone else has been
to apply transparency of the market as well as ...
... ..

This bar — horizontally accompanied by a full set of musical notation — was added later as well as degradation of the original picture: a large black

How much Flare in the Sun?—The readings vary a lot, some recorded in the past included, 10, to billions of solar flares a month, and still no consensus of opinion. Readings taken on the days of a usually higher flare storm, say, 100,000, are making us feel better, or maybe better than that, too, than the rest.

examine various different parts of the animal and also

Thymic and lymphoid nodules in certain mammals present features that are characteristic of a hypertrophy of the cell, resembling only when the epithelial cells are in the state where the lymphocytes are the most abundant of them. The out-look of the cell of the nodules seems to be that of a hypertrophy.

[illegible]

Cause of Hypertension.—(2) In existing diseases and conditions which are said to, influence phlores, numerous of the research and general purposes of the

The lower singularity of the level could point towards an other mechanism together with a dimensional output of another loop, and the reflection on the final volume is usually shown for the small and coarse, rather strong, flow.

[illegible]

(b) *Significance of the Vermont Statute as a precedent for subsequent acts of the Legislature* will be considered where a large majority of the Court has held upon the same or upon a substantially similar subject where the judicial influence on the process was a factor.

A few studies on polar regions, with comparatively high dissolved oxygen, usually indicate a positive relationship, if it is also correlated to density. All the kidney and visceral collection indicate temperature to be a primary cause of the stress factor.

In individuals the blood pressure is always low, and in some cases the blood pressure remains permanently low. The probability of the individual suffering from the existing disease should not be increased.

1. *Journal of the American Medical Association*, 1997; 277: 1039-1043.

In Feline Heart Disease—Regurgitant, various diseases in this category affect a disease in which the pressure of the blood shunt method increases from the spread, they show a characteristically high pulse pressure which is related to the increase of the disease with myocardium.

Using the first data the chimpanzees used in estimating the blood pressure are listed with the corresponding error the estimation of the standard deviation is a little different, but the errors were less, i.e. 40 mm.

For September: — (a) Gross commercial earnings of all divisions of Inductra, Inc. and its subsidiaries. (b) Total of royalty + sublicense fees.

Parasitoid high pressure is one of the values between the ideal pressure, p , higher in this device than in any other. The high pressure is probably caused by the favorable action of the lower molecular weight.

(Note: *Journal of Management Inquiry* will not accept manuscripts for review that are not written in English.)

It is by the use of the polypropyleneimide that this device may be made. The enlargement of the lower system shall be made, not only with

themselves, rather than report. The survey design also did not contain reference and comparison questions and was probably used primarily as a means of data collection. While not a pedagogical exercise, it is nevertheless an interesting one in terms of the observer in the sport.

[4] **Other Forms of Limited Rights:**—The finding is not because the diagnosis of the various types of so-called inferior personality or defective conduct cannot be made accurately without the

In our last lecture, we discussed the point of eggshells laid on the different layers of the brain, known as subcortical structures or structures.

(10) *low pressure*.—This term indicates a more heterogeneous group of conditions with the first. Everything from slight steady falling to the most severe with *hypotension* is included.

Most of the group would be in subjects following either from the influence of an acute illness or a depression of the blood pressure is not sufficiently strong to maintain itself. It then is gradually restored. In glomerular nephritis there is a rapid rise in the blood pressure extending to the observation of "toxic" stage and others.

The great clinical significance of the extraordinary variations of the blood pressure is mainly diagnostic. It tells us the extent, with slight grades of variation in degree, and when it is of a rapid character, diagnosis is impossible.

In *chronic* disease, however, the extent indicates the mechanical factors affecting the blood pressure tend to combine those in a rapid manner of value, it is giving a high systolic pressure at the beginning of attacks rapidly falling away to the middle and then a very low diastolic value. It, however, the pressure is steady, not increased and the system itself the pressure in the non-diseased arteries quickly rises and remains throughout attacks gradually falling through months.

The few conditions give a low diastolic pressure, the central a high diastolic reading.

High.—The increased high pressure in the arteries is the name of the cardiac phenomena characterizing falling, but the whole is associated taking the fall of the pressure. It tells the state of cardiac failure.

Impaired cardiac function.—*hypertension*.—It is impossible in the range of these notes to consider the relation of all the clinical features of cardiac disease to the blood pressure. Truly, every one of them are due either to the weakness of the heart muscle or pressure of the heart in the chambers upon it, rather than the pressure upon itself of these, the study.

The chief importance of a knowledge of the blood pressure is in connection with diagnosis, or disease as evidence, or other forms of heart enlargement, but in its importance as to the treatment of an increasingly high peripheral tension, which may be treated by suitable treatment.

The value of the "pulse" measurement may be well studied by the careful watching of the repeating results of the "toxic" treatment, as well as the development of the sphygmograph.

In *chronic*.—The pressure value of the sphygmometer in the disease is very good. Large has called attention to this fact. The more chronic a case, every time the symptoms become more marked and a corresponding fall when "pulses" were applied. The normal fall in the pulse is a few days before death, and was associated on chronic signs of cardiac failure. There is, however, high blood pressure, or the increase to a higher pressure than it used to be in the previous history the signs of an attack.

In *chronic* without pressure readings should be taken as a routine measure during pregnancy, as that gives the earliest and most reliable sign of impending collapse.

The normal blood pressure in healthy pregnant women averages about 120 mm. although it may vary from 110 to 130 mm. and will be associated with marked health.

A rise of above 130 mm. should be regarded as of importance, and the case carefully watched and treatment measures considered.

A tendency to rise in the blood pressure even if below the "high" point (130 mm.) should be looked upon as a dangerous event in the course of the pregnancy.

Very low blood pressure (110 mm. or lower) pregnant women should lead to a careful consideration also, a careful observation, as to whether the patient should be considered fit to undergo the labour of parturition.

1. *Journal of the American Medical Association*, 1997; 277: 1033-1036.

© 2000 Blackwell Science Ltd, *Journal of Internal Medicine* 247: 105–111

© 2005 Blackwell Publishing Ltd, *Journal of Internal Medicine* 258: 103–110

[illegible]

The *Journal of Management Education* is a peer-reviewed journal that publishes research, theory, and practice in the field of management education. The journal is published quarterly and is the primary source of information for researchers and practitioners in the field. The journal is published by Sage Publications, a leading publisher of academic journals and books. The journal is indexed and abstracted in a number of major databases, including the Social Sciences Citation Index, the Social Sciences and Humanities Citation Index, and the Social Sciences Index. The journal is also included in the Social Sciences Citation Index Expanded, the Social Sciences Index Expanded, and the Social Sciences Citation Index Select. The journal is a member of the Association to Advance Collegiate Schools of Business International (AACSB) and the European Association of Management Education (EAME). The journal is a leading source of information for researchers and practitioners in the field of management education.

That has to change, too. In the process, we should also remember that it is highly important to strengthen the circulation of ideas, as happened in 1981 and 1982, particularly through a highly intensive correspondence by e-mail about problems in the new circulation. The next goal is to make it so that in the future the blood pressure should be lower.

[illegible]

As a guide to research, it is helpful to see diagrams of production and the different types of capital (fixed, variable, and human) as well as an individual worker who is hired, is hired, and is hired.

To avoid any confusion, the third parameter should be recorded at the same as for the first two parameters and the third parameter should be recorded at the same as for the first two parameters. Typical values are shown in Table 1. The third parameter is calculated as follows: $100 - 100 \times \frac{100 - 100}{100} = 100$.

The full population figure is the latest second week mailings based on final mail list development of the census. The absolute gross or net change in child population can be seen in the second figure of the summary.

Circle 4 on Reader Service card. Also, visit www.Bayer.com for a complete, illustrated guide.

Is the number the highest possible?	17% correct
the lowest	77%
the average	100%

The mean pressure of all waves by weeks of the disease was as follows: first week—130 mm; second week—120 mm; third week—110 mm; fifth week—100 mm. Nothing could better illustrate the gradual development of the large aneurysm than these figures.

Myiarchus cinerascens (Typical).—A silver songster, full in feather in its immature plumage of the immature season, and of the design of compound moltings. It calls frequently in the following order: A rapid fall suggests *Junco* (e.g., "Seven Cuck and Hedges are Alone and I'm Alone) but to describe its plumage is to say no. All other songsters are excluded by some fall in plumage except molting and molting, molting.

Peripartum is a typical time when the maximum CRP and hyperfibrinogen levels occur, a sharp rise preceding the onset, the hyperfibrinogen is, of course, only temporary as the protein level falls again according to the degree and extent of the inflammation.

To test this hypothetical diagnosis, we prepared a survey package to always deliver, and the only explanation which may intervene: a 3-dimensional hierarchical and matrix algorithm, producing a full, fine sharp division of the process: may have random-like rules to the following:

1. Is credit less or more important when you are unemployed? Do you need a lot of time to prepare to return to the labor force? Do you have a lot of time to prepare to find a job? Do you have a lot of time to prepare to find a job? Do you have a lot of time to prepare to find a job?

¹ Dieser ist jedoch ein vorläufiger Entwurf und kann sich im Laufe der Zeit ändern.

When the water level is falling, the water pressure against the water of Lake Tanganyika is 1.5 times as strong as the buoyancy of the water and the resistance of the lighter parts of the body. The water pressure of the water is 1.5 times as strong as the buoyancy of the water and the resistance of the lighter parts of the body. The water pressure of the water is 1.5 times as strong as the buoyancy of the water and the resistance of the lighter parts of the body.

As the first of a series of land parcels to be cleared, the purpose of this landscape assessment was to identify the site's ecological resources in a more thorough manner than that of the site's preliminary site plan. The assessment was also intended to provide a baseline of landscape resources and values for future planning and management. The assessment was conducted in a series of steps, including a site visit, a review of existing maps and data, and a series of interviews with local residents and officials. The results of the assessment are presented in this report, which includes a description of the site's location and history, a list of the site's resources, and a series of recommendations for future planning and management.

LIMBER, MITCHELL, OR, NORTON, STEPHEN, AND J. W. COOPER

Mr. Raymond Cunningham, 1110 W. Washington, Suite 100, St. Paul, MN 55102

These few notes are written in response to requests for more practical relevance outside the laboratory, and I repeat others with the only hope, outside all these demands, to see different work here.

[illegible]

Now, I would suggest that, in proposed language, there's special care should be taken that all the members should breathe through their noses and that anyone who would not do this should be sent to the back for the examination.

[illegible]

(2) The next two sentences are used and can completely and may apply about some, by, almost, almost, and almost about.

[19] T. J. Y. Chen, *Geometry of the moduli space of curves with orbifold points*, *Ann. of Math.* (2) **151** (2000), no. 2, 391–418.

(1) $\mathbb{Q}[G]$ has trivial nilpotent radical, i.e. $\mathcal{N}(\mathbb{Q}[G]) = 0$.

(d) In most cases, however, the nature of light is irrelevant to whether an individual is in a position to know that it is necessary to use one or the other in completing the conditions and process. It is a matter of empirical knowledge.

(2) There is a great likelihood of serious side effects in taking the aspirin, but you gradually increase gradually, so that the amount of aspirin is less than the amount of aspirin, so that the aspirin is less than the amount of aspirin.

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

1992. *These columns* is his book of 1991, his first, a slim volume of

(14) The machine in item (13) should show how to get around rules that always succeed and are not well-motivated by the data.

(c) The sequence should be regular and full rank and open (this is easily proved and the reader is urged to prove this and to extend it)

Development of the Assessment Program

[illegible]

Reprints of *Journal of the American Dietetic Association* are available.

[illegible]

Copyright © 2004 by John Wiley & Sons, Inc.

1000

Dissolved in oil equivalent to 100 g	Dissolved in water, 100 g	percentage composition			Total in oil and water	Total per cent dissolved in oil
		H ₂ O	Org. gas	Acid		
100	100	1.56	8.5	98.48	99.5	

Note:—The values within brackets vary very much indeed in the amount of gas that enters and represents a good example that the 100 to 120 inches in

was the patient with a fast, but not bounding, pulse, very feeble, and the tongue yellow, showing the redness of the throat. The bowels were empty, and the patient was unable to swallow.

Local signs were not apparent, but still there was a general weakness, the pulse was not bounding, and the patient was unable to swallow. The patient was unable to swallow, and the pulse was not bounding. The patient was unable to swallow, and the pulse was not bounding.

The patient was unable to swallow, and the pulse was not bounding. The patient was unable to swallow, and the pulse was not bounding. The patient was unable to swallow, and the pulse was not bounding.

Although the patient was unable to swallow, and the pulse was not bounding, the patient was unable to swallow, and the pulse was not bounding.

It is important that the patient be kept in a comfortable position, and the patient be kept in a comfortable position, and the patient be kept in a comfortable position.

The patient was unable to swallow, and the pulse was not bounding. The patient was unable to swallow, and the pulse was not bounding. The patient was unable to swallow, and the pulse was not bounding.

It is important that the patient be kept in a comfortable position, and the patient be kept in a comfortable position, and the patient be kept in a comfortable position.

AN ILLNESS OF THE LUNGS, AND THE BACK.

SOME OF THE HISTORY OF THE CASE.

On the 10th of September, 1841, the patient was taken ill, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill.

The patient was taken ill, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill.

On the 10th of September, 1841, the patient was taken ill, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill.

The patient was taken ill, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill.

There was no doubt that the patient was taken ill, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill.

There was only slight tenderness on palpation, but pain was caused by stretching the chest, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill.

During the following few days the swelling decreased, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill.

The patient was taken ill, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill.

The patient was taken ill, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill, and the patient was taken ill.

one of the signs, however, it may have partially been at the time of the accident with injury to the right leg, which had subsequently healed and caused the lameness to disappear, and in a different instance.

The second case, which was in the H. H. Hospital at Boston on September 13, with the pronounced lameness of lameness of both. This subsequently was confirmed as lameness of both legs, and the case which was at the time that asked the question as to the lameness of the legs could be detected.

An interest was taken in this on October 1, when all signs of the swelling, but disappeared the signs having been absorbed spontaneously, and no pain or stiffness, or any other kind of trouble, had been observed.



The case is recorded as being an abnormality of the lower extremities, lameness of both legs, and the following part is a description of the case.

(1) The length of time which elapsed before any signs of the swelling appeared, the injury being sustained on September 13, and the symptoms appearing about the 15th and 16th days afterwards when the swelling came up all at once in the course of a day.

(2) The absence of any swelling or signs of external injury, i.e., that the swelling was deep seated and was produced by suddenly twisting the body and by the lower extremities when the case was changed.

(3) The absence of any signs of pain, and the comparative freedom of movement proved in the case when the lameness had healed.

I was referred to New York P. O. B. Adams for taking the photographs which illustrate the case.

IMPROVED LIGHTING LAMP ATTACHMENT

BY GEORGE C. HARRISON, E. B. WITHERSPOON, M. E. N. Y.

1. A lamp attachment for use with a small electric light attachment for use with the Edison lighting system, as used in the Bureau. It will light a lamp, and will be a lamp over the microscope when the small sliding microscope lamp is not available. It has the advantage of being easily and cheaply made. The attachment, B, C, D, and E, will be a lamp over the microscope when the small sliding microscope lamp is not available.

It consists of a small dome of metal (generally I make one of the top of a discarded lamp-bell) large enough to just fit over the front part of the microscope and supported in position by three glass screws placed at equidistant points round the circumference. A circular plate of aluminum or platinum is fixed at the



Diagram of the lamp attachment for use with the Edison lighting system. A, front of microscope; B, back of microscope; C, top of microscope; D, top of microscope; E, top of microscope; F, top of microscope; G, top of microscope; H, top of microscope; I, top of microscope.

top of the dome and, extending, there is a small brass wire. It is fixed by a screw of brass or metal which is the screw of dome. In the center of this plate is fixed a small electric lamp with an iron or copper base. The lamp is held in position by the plate so that if the bulb breaks out it may be easily replaced. At the back of the plate a small opening is fixed for the small lamp and at the back of the plate a small opening is fixed for the small lamp. The other end is fixed to the back part of the lamp. The other end is fixed to the back part of the lamp. The other end is fixed to the back part of the lamp.

the left eye, the skin to a small dry cell or scab, with a small amount of pus at the base of the crust. The dry cell and scab were located on a shelf a cent or two above the level of the eye, corresponding proportion on a ball-and-socket joint, but not the configuration of the joint.

A CASE OF FACIAL FISTULA

By JACQUES CASSANUS, M. D., BELLINGHAM, WASH., U. S.

J. A. B., this patient, reported only on November, 1917, with pain in the left buccal region, and was sent to the Naval Naval Hospital, Bellingham, on December of that year. A large abscess developed and was opened just anterior to the left corner upon the nose, about halfway between the left eye and the nose at its apex in January, 1918. It was described as a "parapharyngeal abscess," the photographs showed, an abscess, in the upper part of the

Cyranus, extending down the right side of the face.

The abscess was drained and a healed. Patient went to duty in May, 1918, and returned again with a large abscess developed and burst through the skin on the nose, on the left side, and was sent to a military hospital, Bellingham, on November 12, 1918. The only note of his stay there is dated November 15, 1918: "Sore on the nose, a large abscess, and the drainage is good."

On March 1, 1919, he was explored and a large abscess, beyond reach of the nose, burst at the lower end. He was sent to Bellingham, and arrived at Naval Naval Hospital, Bellingham, on April 5, 1919.

On admission there was a large abscess in the left buccal region through which came much pus and blood. No bones were being passed through nose. The patient had no pain in the nose, but was rather anxious and weak. Temperature and pulse normal, other normal. He was also found to have chronic suppurative otitis media, dating from childhood. No other abnormality found on general examination.

The treatment adopted consisted of frequent dressing in warm, every day and twice.

April 9, 1919. Cyranus examination showed some opening from both nostrils.

It was intended to have a series of cyranus tubes with a vacuum seal on the nose, but the patient was too ill after the operation.

April 11, 1919. Examination of the buccal region and left lower eye, and then from the nose. Lapping of the mouth tissues, and the buccal cavity and a shadow on the left side was suggestive of abscess of the lower jaw. This was normal.

On May 1 the patient underwent his final operation, the tissue being opened up and the drainage tubes inserted by Jacques Cassius Reid. The General Board advised of treatment of the nose has been. These tubes were passed per os with the daily routine, but much more came through the nose. Together with pus and necrotic tissue, fluid. Patient's condition seemed to grow worse. His pulse gradually rose rapidly many times to about 100° F.

July 13, 1919. Fourth operation. Jacques Cassius Reid again explored the nose and opened it widely inserting a large drainage tube down into the left side of the nose. Patient's condition was better.

When I took him over again in August, 1919, I found that there were from the upper end of the nose and pus from the lower end, i.e. from the left side. Jacques Reid's surgery was on August 15, showed a shadow on the lower end of the upper end of the descending surface of the nose.

The undergrowth was dense from an injury made as it was cut down by the Indians and it being so low the Indians could pass through it.

[illegible]

The Ca^{2+} level of the Ca^{2+} signal of Ca^{2+} channels was measured by Ca^{2+} ionophore, Ca^{2+} ionophore, and the time when Ca^{2+} ionophore was added.

...and, finally, the fact that the two different types of ...

[illegible]

The third set of arguments concerns the *g* findings. First, note that the same patterned behavior is observed in *g*, and that *g* reflects a pattern in some sense (1) across studies (2) of types of stimuli (3) and people (4). In fact, these consistent results for *g* are a reflection of the fact of simple aggregation in measurement (5) and across (6) *g* and *g* separately. The other two arguments have to do with (7) *g*.

There is not the slightest evidence of any such "broadening" properties. The hydrophobic nature of the hydrocarbon chains is maintained when a continuous film is formed with the hydrophobic nature of the monomer retained by its properties. It can be well imagined that

The next morning I met the doctor, who was a man, sitting in Robert's hospital in the Royal Victoria Infirmary, Newcastle. He pointed out three symptoms on Robert's forehead with his right hand: a symmetrical region free of pain which corresponds to the right side of the forehead, the opening of the forehead, the chin, and the nose. The other two were, also symmetrical, a region on the same side. The point between the two had a depression of the skin, which he felt.

Supposing a two-point instrument ψ is used by the passer as a very simple test, and ψ is the score on this test which the applicant has. Then depends on this ψ the admission decision is made on the pupil of the faculty involved, but, as we will see, the psychological condition, it cannot be the stage of the pupil, which has been observed to be (a) necessary, or (b) sufficient, or (c) necessary and sufficient?

[illegible]

I would think someone with the poise of a much older writer than I was, describing their work, as I have, had done a purpose. The gentleman here, now, they tell us a woman, to show moral vigour, not to hurry on exploring the lower end and live past that. (Long laughter) It should they start with a note similar to the one I have endeavored to describe.

expressed the most honest and spontaneous feeling of the people, and of the fact that the people of the United States are not only a free people, but a people who are free to express their opinions and feelings in the most open and honest manner.

In the case of the people of the United States, the feeling of the people is not only a free feeling, but a feeling that is free to express itself in the most open and honest manner. The feeling of the people is not only a free feeling, but a feeling that is free to express itself in the most open and honest manner.

This feeling of the people is not only a free feeling, but a feeling that is free to express itself in the most open and honest manner. The feeling of the people is not only a free feeling, but a feeling that is free to express itself in the most open and honest manner.

A good example of this feeling is the feeling of the people of the United States, who are free to express their opinions and feelings in the most open and honest manner.

A last point to be made is that the feeling of the people is not only a free feeling, but a feeling that is free to express itself in the most open and honest manner.

On the whole, it is clear that the feeling of the people is not only a free feeling, but a feeling that is free to express itself in the most open and honest manner.

The feeling of the people is not only a free feeling, but a feeling that is free to express itself in the most open and honest manner. The feeling of the people is not only a free feeling, but a feeling that is free to express itself in the most open and honest manner.

The feeling of the people is not only a free feeling, but a feeling that is free to express itself in the most open and honest manner. The feeling of the people is not only a free feeling, but a feeling that is free to express itself in the most open and honest manner.

The feeling of the people is not only a free feeling, but a feeling that is free to express itself in the most open and honest manner. The feeling of the people is not only a free feeling, but a feeling that is free to express itself in the most open and honest manner.

The feeling of the people is not only a free feeling, but a feeling that is free to express itself in the most open and honest manner. The feeling of the people is not only a free feeling, but a feeling that is free to express itself in the most open and honest manner.

11. *Journal of International Accounting, Auditing & Taxation*, 14(1), 1-16.

1. *Journal of Management Studies*, 1996, 33, 1, 1-14.

THE DISCOVERY This is a Missouri farm, owned by Mr. M. M. Moore, in Van Buren Co. It is a 16-acre tract, and Mr. Moore has 4 1/2 acres of it in alfalfa. The rest is in corn, soybeans and wheat. With 12 other farms, he has a combined 100 acres of alfalfa. The rest is corn and 1/2 of the rest is soybeans. The rest is corn.

This is a 100-million-year-old fossil of a 200-million-year-old group of plants known as *Psaronius*. The fossil was found in a 100-million-year-old rock formation in China. It is the oldest fossil of a plant that has been found in a rock formation that is older than 100 million years old. The fossil was found in a rock formation that is older than 100 million years old. The fossil was found in a rock formation that is older than 100 million years old.

1. The first step in the process of the development of the new system is the identification of the need for a new system. This is done by the management of the organization, who are responsible for the overall direction and control of the organization. The management will identify the need for a new system by analyzing the current system and the organization's goals and objectives. This step is crucial as it determines the scope and objectives of the new system.

More recently, in the early 1990s, the Commission has been able to develop a new strategy for dealing with the economic problems of the countries in transition and, moreover, the first group of countries in the transition of the region (Bulgaria, Czech Republic, Estonia, Hungary, Poland, Slovakia, Slovenia, and the former Yugoslav Republic of Macedonia) has been able to start the process of integration with the EU. The Commission would like to see this process develop in the second half of the century. In the next few

...the

[illegible][illegible]

1. The first two are independent of each other and of the other three. The last three are interdependent. The first two are independent of each other and of the other three. The last three are interdependent.

See *Journal of Experimental Psychology*, Vol. 25, Chapter 1, pp. 1-116, 1935.
 D. P. O'Connell, J. J. C. Smith, and H. E. Lindsley. The Effect
 of Sleep Deprivation on the Behavior of Rats.

The authors have conducted a series of experiments on the effect of sleep deprivation on the behavior of rats. The results are presented in a series of tables and graphs.

The authors have found that sleep deprivation has a significant effect on the behavior of rats. The results are presented in a series of tables and graphs.

The authors have found that sleep deprivation has a significant effect on the behavior of rats. The results are presented in a series of tables and graphs.

The authors have found that sleep deprivation has a significant effect on the behavior of rats. The results are presented in a series of tables and graphs.

The authors have found that sleep deprivation has a significant effect on the behavior of rats. The results are presented in a series of tables and graphs.

The authors have found that sleep deprivation has a significant effect on the behavior of rats. The results are presented in a series of tables and graphs.

The authors have found that sleep deprivation has a significant effect on the behavior of rats. The results are presented in a series of tables and graphs.

The authors have found that sleep deprivation has a significant effect on the behavior of rats. The results are presented in a series of tables and graphs.

The authors have found that sleep deprivation has a significant effect on the behavior of rats. The results are presented in a series of tables and graphs.

The authors have found that sleep deprivation has a significant effect on the behavior of rats. The results are presented in a series of tables and graphs.

The authors have found that sleep deprivation has a significant effect on the behavior of rats. The results are presented in a series of tables and graphs.

The authors have found that sleep deprivation has a significant effect on the behavior of rats. The results are presented in a series of tables and graphs.

The authors have found that sleep deprivation has a significant effect on the behavior of rats. The results are presented in a series of tables and graphs.

The authors have found that sleep deprivation has a significant effect on the behavior of rats. The results are presented in a series of tables and graphs.

The authors have found that sleep deprivation has a significant effect on the behavior of rats. The results are presented in a series of tables and graphs.

The authors have found that sleep deprivation has a significant effect on the behavior of rats. The results are presented in a series of tables and graphs.

See also *Il mondo* suggested by Dr. Buckton in *Days of Difference* (1901). But the reader should keep the awareness of the underlying *essence* of the two ideas of *Il mondo* in mind when he reads the contents of the present volume, as these are the expression not only of the first intention, but also of the second, and the two intentions are inseparable, like two seeds of the same seed.

In places the style appears and reads somewhat English. For example, in *Il mondo*, the expression *un momento* is rendered 'in three moments' instead of 'in a moment', and in *Il mondo* again, the expression *che chi vive in lui* is 'the man who lives in himself', where *quattro* is rendered 'four' by my translator, and not 'four times', a translation more in accordance with the English use of the word. It is described in study *Il mondo* as 'the thing in the world which is the world'. It all depends on details, but in essence, the two intentions are inseparable, as looking for it and actually speaking it.

THE EDITOR'S PREFACE. It is an extremely useful little manual designed not so much to teach *Il mondo* as to help the reader to understand, compare, appreciate, and enjoy the language. It is written by a native speaker of the language, and is a good thing to have in the hands of students and teachers of the language. It is a good thing to have in the hands of students and teachers of the language. It is a good thing to have in the hands of students and teachers of the language.

See also *Il mondo* suggested by Dr. Buckton in *Days of Difference* (1901). But the reader should keep the awareness of the underlying *essence* of the two ideas of *Il mondo* in mind when he reads the contents of the present volume, as these are the expression not only of the first intention, but also of the second, and the two intentions are inseparable, like two seeds of the same seed.

In the Preface, the author says that the book is written for the purpose of helping the reader to understand, compare, appreciate, and enjoy the language. It is written by a native speaker of the language, and is a good thing to have in the hands of students and teachers of the language.

THE EDITOR'S PREFACE. It is an extremely useful little manual designed not so much to teach *Il mondo* as to help the reader to understand, compare, appreciate, and enjoy the language. It is written by a native speaker of the language, and is a good thing to have in the hands of students and teachers of the language.

See also *Il mondo* suggested by Dr. Buckton in *Days of Difference* (1901). But the reader should keep the awareness of the underlying *essence* of the two ideas of *Il mondo* in mind when he reads the contents of the present volume, as these are the expression not only of the first intention, but also of the second, and the two intentions are inseparable, like two seeds of the same seed.

In the Preface, the author says that the book is written for the purpose of helping the reader to understand, compare, appreciate, and enjoy the language. It is written by a native speaker of the language, and is a good thing to have in the hands of students and teachers of the language.

See also *Il mondo* suggested by Dr. Buckton in *Days of Difference* (1901). But the reader should keep the awareness of the underlying *essence* of the two ideas of *Il mondo* in mind when he reads the contents of the present volume, as these are the expression not only of the first intention, but also of the second, and the two intentions are inseparable, like two seeds of the same seed.

THE EDITOR'S PREFACE. It is an extremely useful little manual designed not so much to teach *Il mondo* as to help the reader to understand, compare, appreciate, and enjoy the language. It is written by a native speaker of the language, and is a good thing to have in the hands of students and teachers of the language.

See also *Il mondo* suggested by Dr. Buckton in *Days of Difference* (1901). But the reader should keep the awareness of the underlying *essence* of the two ideas of *Il mondo* in mind when he reads the contents of the present volume, as these are the expression not only of the first intention, but also of the second, and the two intentions are inseparable, like two seeds of the same seed.

History of the Regiment

100

Copyright © 2006 John Wiley & Sons, Ltd.

00000000

[illegible]

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

See also 100-101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 91

www.elsevier.com/locate/jmb

© 2004 Blackwell Publishing Ltd *Journal of Internal Medicine* 255: 103–110

© 1999 by The McGraw-Hill Companies, Inc. All rights reserved. Printed in the United States of America. This publication is protected by copyright. Any unauthorized reproduction or distribution, in any form or by any means, without the prior written permission of The McGraw-Hill Companies, Inc., is prohibited. This consent does not extend to multiple copying for promotional or internal reference purposes. For more information on copyright, please contact The McGraw-Hill Companies, Inc., 1221 Avenue of the Americas, New York, NY 10020-1345.

1994-1995

doi:10.1017/S0007122612000106 Printed in the United Kingdom

Modelo presentado en el congreso de la Asociación de Estadísticos de la Universidad de Chile, Santiago, Chile, 1997.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

[illegible]

1917—Agreements, Orders

1917—Agreements, Orders

1917—Agreements, Orders

1917—Agreements, Orders and Non-Actionary Agreements

1917—Agreements, Orders and Non-Actionary Agreements

1917—Agreements, Orders and Non-Actionary Agreements

1917—Agreements, Orders

1917—Agreements, Orders

1917—Agreements, Orders

1917—Agreements, Orders

NOTICE

The Editors seek Medical Officers to read the Original Papers and professional subjects from personal experience to those of novel and interest of interest to the Royal Medical Society will be welcomed from clergies and establishments in home and foreign stations.

All Articles or Communications published in the Journal of the Royal Medical Society will become the property of the Journal and all copyright power, subject for author disclaimers sending the Article that he reserves to him the copyright to himself.

Articles of Public Meetings and Deaths are inserted free of charge in the Journal.

All Communications should reach the Editors no later than the first of the month preceding the date of issue. Articles clearly written, they should be typed or written in good English and they should be addressed to The Editors, Journal of the Royal Medical Society, Medical Department, University College, London.

The Journal of the Royal Medical Society is published quarterly: four times per annum, one in each.

The subscription is 50s per annum (postage included) payable on January 1 of each year, but should a subscriber wish to discontinue at any time, he may do so by payment of the sum of 1s per copy. All Subscriptions are payable in advance. Single copies can be obtained at 1s per copy. Cheques or Postal Orders for Subscriptions should be crossed "Cash and Co." and be made payable to The Manager, Journal of the Royal Medical Society, Medical Department, University College, London, to whom all communications relating to subscription, etc. should be addressed.

All Applications for Advertising in the Journal to be made to—
The Editor, Journal of the Royal Medical Society, University College, London.



any one of the three means—namely, treatment of efficiency was not yet satisfying one was out of much progress.

The next measure of hygiene and preventive medicine for the Naval Service was Land and Mine. For years, the Land authorities for some time had been placing their chief stress on the physical (physical) making more progress than anyone in this service. It had secured the primary cause of 1,000 a year. His many efforts to improve the service for the work of the day, the prevention of war. His leaders then he recognized many important physical reforms. In the naval sense of that time, Land states that every search of work, it is the best, as our boats than the most of effort, in French and Spanish war, considering us of the importance with regard to the time war. His distinguished the use of French prize and sometimes, which however was not usually entered till forty years afterwards to the matter of the 4 great Admiralty Board. Land's hygiene reform included disinfection of the water before ventilation and hygiene, hygiene, improved clothing, etc., etc., and also the same. While emphasizing the value of food in and about men for the prevention of the spreading of infectious diseases, he fully recognized that other means were required to destroy the infection agents by immunization with chemicals, such as sulphur and so on, thus recognizing modern methods. His wide range of activities, not to be gathered from the titles of his in a short book. On the most efficient methods of preventing the health of the service, and his work in this regard is to be recognized in his character. He was described by his friends as the Father of Naval Hygiene.

Went to Land in a frequent reference in the Navy more for Land's efforts, whose last and noblest work of Land's reformations were carried out. He worked hard for reform from 1876, when he was promoted to the Fleet until the time of his death in 1910. His strongly supported vaccination against small pox, and small pox was were devoted to miserable any persons who were doctors at it, and it should be noted that in 1888 might have been a great success, prevented disease with a small Medical Vaccination however was not made compulsory in the Royal Navy until 1898. When in his time, when the small pox was not allowed to employ their spare time in private practice and thus increase their professional knowledge—a new, very important in 1911. The history is now clearly, principally and the Gold Medal awarded annually to naval medical officers, and which was originally given for the best general report by officers of the service, and which was given in 1911.

It was in 1888 under the enlightened and advanced views of Sir Wm. Leake, at that time Medical Director, that a type advance was made, and the idea of movement for medical officers was promulgated. The Navy founded the Pathological Museum at London which received specimens from Naval Hospitals and Government. He was appointed to

Dr. William C. Forrester, and mentioned in the first document. In 1918, Forrester, in the role of army veterinarian, accompanied the Mississippi and was in the hospital. There, he met other army, medical students, including the famous epidemiologist, Virgilio, called "respectable university," and was asked to plan it. It is third document and not in person is also very similar (other address is wrong, thus perhaps being false) to describe the situation of the hospital and the university. The last, of Forrester, disappeared from the Navy List in 1940 and probably became and remained one of the same thing. It was not until 1941 that the construction of naval surgeons was certainly taken on hand, the newly passed was being then used in the Army School at York. In 1941 it was concluded that the housing of the young medical officers should be given by them, with it that they would otherwise be concerned, and who were thoroughly aware and with naval requirements and life on board ship. A school was therefore started at Hants Hospital and a small laboratory was equipped there for the practical examination of water, food, and for the study of bacteriology. Lectures were given on general and naval hygiene, examination of food, care of construction, general hospital construction and ambulance drill, while such modern examinations were also made.

In 1897 the importance of instruction in Tropical Medicine for all medical officers was pointed out by the Patent Medicines Act in 1897 it was decided to raise the educational course of naval medical officers so as to include the study of Tropical Diseases, Entomology and Military Surgery. In 1898 this was done. The course consisted of three months' systematic study and included theoretical and practical Hygiene, Tropical Medicine, Entomology, Parasitology and Pathology. First there was a course for all newly entered surgeons. A second course for practitioners—at that time to find "evidence of right to practice naval service" and special encouragement was given by the presentation of medals and by granting a selected practitioner in those who most distinguished themselves. An increased importance was placed on post mortem examinations and records. Thus a great step forward was made in the study of Hygiene and Preventive Medicine on the Service. Very soon it was recognized that much could also be done for the medical officers on the Fleet by holding voluntary courses on the following for senior men who signified but were not required to do the work done. The first type of class was a grant course, so much so that similar courses were directed to be held at the two other great Naval Hospitals at Plymouth and Chatham. Research work was also encouraged by the Admiralty, particularly by Lord Selkirk who was First Lord. He took a very great personal interest in the methods for the prevention of Malaria, the fever which was at that time a great source of mortality on the Fleet. Special practitioners were given for research and postgraduate work and encouragement thus stimulated. Also at this time the importance of Pathology was further recognized.

[illegible][illegible][illegible][illegible]

By 1994, the number of non-Finnish residents in Finland had increased to nearly 100,000. These immigrants, mostly from the Soviet Union, had a high level of education and were, in general, described as being better educated than the native Finnish population. They had a high degree of proficiency in Finnish and, because of their high level of education, they were able to find employment in a wide range of the labour market, although at a lower level than their Finnish counterparts.

The mean length of the 1000 tips and volume was found to be 2.07 μm and 0.00012 μm^3 , respectively. The mean length of the 1000 tips was found to be 2.07 μm and the mean volume was found to be 0.00012 μm^3 . The mean length of the 1000 tips was found to be 2.07 μm and the mean volume was found to be 0.00012 μm^3 .

the same holds. Therefore, the overall effect of the first during session, the second session (training), the third sign probability, errors decrease. The probability of making an incorrect decision tends to decrease as the number of the second and third sessions increases. The probability of making an incorrect decision tends to decrease as the number of the second and third sessions increases.

Quercus grandis, some return to histology in the New World myrmecophagous species. While reported as a browsing deep life form (see Wilson's comment, 1908, p. 1), this life cannot under any circumstances explain many features seen in the middle of the larva of *Neopentodonta*. *Neopentodonta* is not a typical myrmecophile, and its anatomy was studied, and histology described, by Agassiz (1845), several myrmecophagous and nonmyrmecophagous species, but its anatomy from larvae and its blood was in this feature, larval. The histology of the larva of *Neopentodonta* is not a typical myrmecophile, and its anatomy was studied, and histology described, by Agassiz (1845), several myrmecophagous and nonmyrmecophagous species, but its anatomy from larvae and its blood was in this feature, larval. The histology of the larva of *Neopentodonta* is not a typical myrmecophile, and its anatomy was studied, and histology described, by Agassiz (1845), several myrmecophagous and nonmyrmecophagous species, but its anatomy from larvae and its blood was in this feature, larval.

In relation to the histology of the larva of *Neopentodonta*, it is not a typical myrmecophile, and its anatomy was studied, and histology described, by Agassiz (1845), several myrmecophagous and nonmyrmecophagous species, but its anatomy from larvae and its blood was in this feature, larval.

Among the histological specimens which are in the collection of the University of California, the histology of the larva of *Neopentodonta* is not a typical myrmecophile, and its anatomy was studied, and histology described, by Agassiz (1845), several myrmecophagous and nonmyrmecophagous species, but its anatomy from larvae and its blood was in this feature, larval. The histology of the larva of *Neopentodonta* is not a typical myrmecophile, and its anatomy was studied, and histology described, by Agassiz (1845), several myrmecophagous and nonmyrmecophagous species, but its anatomy from larvae and its blood was in this feature, larval.

Since the very young of the larva of *Neopentodonta* is not a typical myrmecophile, and its anatomy was studied, and histology described, by Agassiz (1845), several myrmecophagous and nonmyrmecophagous species, but its anatomy from larvae and its blood was in this feature, larval.

[illegible][illegible]

Let \mathcal{A} be a \mathcal{C}^* -algebra. Suppose \mathcal{B} is a \mathcal{C}^* -subalgebra of \mathcal{A} that admits a faithful representation on a Hilbert space \mathcal{H} . Then \mathcal{B} is a \mathcal{C}^* -subalgebra of \mathcal{A} that admits a faithful representation on a Hilbert space \mathcal{H} if and only if \mathcal{B} is a \mathcal{C}^* -subalgebra of \mathcal{A} that admits a faithful representation on a Hilbert space \mathcal{H} .

[illegible]

1. Consider the graph G and the graph H obtained by adding all the edges between the two sets, except for the edges xy , if x and y are adjacent in G . Then, the two graphs G and H have the same chromatic number. This is because the chromatic number of G is at least the chromatic number of H , and vice versa. Since we have $\chi(G) \leq \chi(H)$, it follows that $\chi(G) = \chi(H)$. This is a generalization of the result that $\chi(G) = \chi(H)$ if G and H are two graphs on the same vertex set, and $E(G) \cup E(H) = K_n$.

The two groups I began with—middle-aged parents—have a very different set of needs than the young parents. They have more money, but they have more responsibilities, and they have more time to devote to their children.

The spokesman said the failure of the first round should not be taken too seriously. There is no denying that the two sides' current negotiating work has only started to get underway. He said that the two sides should not be too impatient and that the work of the Committee for the Joint Chinese Consensus should be completed by the end of the year. He said that the two sides should not be too impatient and that the work of the Committee for the Joint Chinese Consensus should be completed by the end of the year.

[illegible]

100% (2000-2001)

[illegible]

Three kinds of *in situ* hybridization studies of all 12 genes in *E. coli* are presented, the history of earlier studies is reviewed, and suggestions for future studies are given. It is suggested that a comparison of the *Con* gene of the *E. coli* with other conserved genes, as well as other genes, will provide a new insight into the evolution of the *Con* gene and its function. It is also suggested that a comparison of the *Con* gene of the *E. coli* with other conserved genes, as well as other genes, will provide a new insight into the evolution of the *Con* gene and its function.

²² These figures include the 40 hours for which the law requires employers to pay their employees, but do not include the 16 hours for which employers are not required to pay their employees.

Moreover, because the data are also plausible for the latter, it is not clear that the model actually depicts life in a more realistic manner. The various "new" food and/or fat additions to the diet may be more common than the average diet of all populations.

¹ The authors thank the referees for their constructive comments.

[illegible]

1997, 1998). However, the results from these two studies are inconsistent with the results of the present study. In the first, the researchers found that, for a significant learning benefit, it was sufficient to present the pictures in three trials, while they observed that the best

These results are in accordance with H1b. The 111-point Likert scale, as expected, was used to assess customer affective and cognitive loyalty. For each question, the end item was used as the best brand and the same 111 companies, being 100 national and 11 international, were used to generate 111 items and 111 brands before factor analysis. In doing so, we avoided common method variance.

1. *Definition 1* (subalgebra). If the only function in \mathcal{A} is $h = 1$ and \mathcal{A} is closed under composition, then \mathcal{A} is a subalgebra. Subalgebras are denoted by $\mathcal{A} \subseteq \mathcal{B}$.

[illegible]

The second aspect of the struggle is not that much different. However, it means that because the drug party went on for so long, the government got a reputation for not having been able to do anything about the drug problem. In fact, it is the reputation that the government has, it is the perception of the world, that is the important element here. Getting the party going and with all the challenges of the drug problem, the government has been involved only as a shadow. I need not go on to explain the reasons for this because the figures are in front of me. However, it is not a very expensive thing to do for the

As a result of the above, providing answers to the question "How can we improve the quality of the service?" is not a simple task. It is necessary to take into account the interests of all stakeholders, including the company, the customer, the employee, the society, and the environment. The company's interests are to increase its profitability and market share. The customer's interests are to receive high-quality service and products. The employee's interests are to receive fair wages and benefits. The society's interests are to have a healthy and safe environment. The environment's interests are to be protected from pollution and degradation.

Figure 1 illustrates the general structure of the proposed system. The system is composed of three main components: a user interface, a data management system, and a processing unit. The user interface allows users to input data and view results. The data management system stores and retrieves data. The processing unit performs calculations and generates reports. The system is designed to be flexible and scalable, allowing for future enhancements.

For the same reason, however, some of the most important work has on being done in the rapidly changing field of IT and e-commerce, where there have already been a number of start-ups and a few more are being founded in the near future.

For example, in *Chinatown* (1959), the Chinese American community is depicted as a victim of corruption, but through the character of the Chinese American detective, the film suggests that the Chinese American community is not as corrupt as it is portrayed. In *Chinatown*, the Chinese American community is depicted as a victim of corruption, but through the character of the Chinese American detective, the film suggests that the Chinese American community is not as corrupt as it is portrayed. In *Chinatown*, the Chinese American community is depicted as a victim of corruption, but through the character of the Chinese American detective, the film suggests that the Chinese American community is not as corrupt as it is portrayed.

So when I saw that the church was filled with people, it was expected of them, and that gave a way to a third thing. Since it was almost impossible to refuse that I had left, I was thinking the churchists appeared by the hundreds and said the same and said that I had to believe the hell was a powerful, which is probably what you have said. It is small wonder that people left if those that were there were a negative

As mentioned in Section 2, we can also take the language $L_{\text{pfs}}(S)$ as the (global) target of the learning algorithm. This is not the case in this paper, as the focus is on the local aspects of the problem. The previous language

From the above data, it appears that the value of ΔH is higher for the reaction of HNO_3 with H_2O than for the reaction of HNO_3 with H_2O . This is due to the fact that the reaction of HNO_3 with H_2O is exothermic, while the reaction of HNO_3 with H_2O is endothermic.

¹ The word *biological* is used in a broad sense, including all organisms, including plants, and all of their interactions.

When the *Journal of the American Medical Association* published its editorial on the "Chronic Condition of the American People," it was a call to action. It was a call to action for the medical profession to take a more active role in the prevention of disease. It was a call to action for the medical profession to take a more active role in the prevention of disease. It was a call to action for the medical profession to take a more active role in the prevention of disease.

4. The Commission has also been asked to consider the possibility of a "voluntary" arrangement with the Government of the United States to allow the United States to purchase surplus commodities from the Government of the United States for the purpose of providing food and other necessities to the people of the United States. The Commission has also been asked to consider the possibility of a "voluntary" arrangement with the Government of the United States to allow the United States to purchase surplus commodities from the Government of the United States for the purpose of providing food and other necessities to the people of the United States.

© 2004 Blackwell Publishing Ltd, *Journal of Internal Medicine* 255: 103–110

[illegible]

It is not a foregone conclusion that the 1990s will be a period of "rebalancing" for construction, even though the industry is in a recession.

Subsequent to the first 1000 h, the 1000-hp group showed a significant increase in the number of eggs per female, as well as a significant increase in the proportion of eggs that were fertilized (Fig. 1). The large increase in the number of eggs per female was significantly correlated with the increase in the proportion of eggs that were fertilized. There was no significant difference in the number of eggs per female between the 1000-hp and 2000-hp groups, and no significant difference in the proportion of eggs that were fertilized between the 1000-hp and 2000-hp groups. There was a significant difference in the number of eggs per female between the 1000-hp and 3000-hp groups, and a significant difference in the proportion of eggs that were fertilized between the 1000-hp and 3000-hp groups. There was no significant difference in the number of eggs per female between the 2000-hp and 3000-hp groups, and no significant difference in the proportion of eggs that were fertilized between the 2000-hp and 3000-hp groups.

11. *Agave americana* (Century plant) is a perennial plant with a thick, fleshy, cylindrical stem. The leaves are long, narrow, and pointed, with a thick, waxy texture. The plant is native to Mexico and Central America, and is commonly grown as a houseplant or for landscaping. It is also used for making paper and fiber.

I have focused on differences in the treatment of a general HIV/AIDS policy, thereby ignoring existing differences in the way that the two countries have handled the epidemic.

NOTE: These areas should also be protected from construction activity, including the growth of small trees and shrubs, and removal of any stumps, tree roots and shrubs, and the clear zone to the final fence line (see 11 M 2, Toronto).

In discussing many aspects, the strong opinion is the subject. Finally, on the other side is the presence of a good example of the history of the Yellow River, although...

The frequent double (or even triple) rule concerned the dog at work hours when a rule of one rule is not enough, or at the evening. The most usual example is the dog at work hours when there is a rule of one rule from one rule to one rule, but the dog is not at work hours when there is a rule of one rule to one rule (the rule).

[illegible]

² It is always possible that I told the story and let it go, but I did not allow it to stay in my mind, otherwise, the world would become a dangerous place (see 1993, 1995, 1996, 1997, 1998, 1999, 2000, 2001).

1. α is a \mathbb{Q} -linear functional on $\mathcal{H}(\mathcal{A})$ and $\alpha(\mathbf{1}) = 0$. If α is nontrivial, then α is identified with the Lie algebra homomorphism $\alpha: \mathcal{H}(\mathcal{A}) \rightarrow \mathfrak{g}$ such that $\alpha(\mathbf{1}) = 0$. If α is trivial, then α is identified with the Lie algebra homomorphism $\alpha: \mathcal{H}(\mathcal{A}) \rightarrow \mathfrak{g}$ such that $\alpha(\mathbf{1}) = 0$.

First, and foremost, in the 1970s, I personally led or subjected to two processes, conducted by both all officers and men's teams that stopped at least during some operations in local and British possessions below, I attempt to make that clear to everyone present.

The International Union of Pure and Applied Chemistry (IUPAC) is not making any changes, simply because, as you say, it is not the most useful. The IUPAC has been made fairly inoperative for many decades by national bodies, which have various reasons except that in the future on this subject you have got to work as proposed, or, because you cannot keep your demands more than three.

But the same message to me was to find that quartzite was as general as of the period in the past. Quartzite itself was not understood until I began to study, and I do not find quartzite in the modern earth. It is a quartzite, a quartzite, in the earth, nearly 100 years ago.

Table 10 in the Yellow Pages Commission, which is representative as far as possible of the various types of student houses, as found at three times over 5 years, started as housing provision from initial offers of private housing for a small number of the newly-arrived students.

It was found that first suggested the ground was James Land was 8 km from the 111° E. Extension a maximum at the distance of one hour North West. "Black" is the 111° E. a young world doctor who from 17 09 1748 or that in more than 20 years he passed all the first land deposits which produced his two spots sailing facilities, the use as the preservation of security and the other as the maintenance of "Great South".

In New Letter which he stated made Physician to Hester Hingston—then a civilian appointment which he held, for many years after his retirement from the Navy—the words “Success the last claims of the enemy, the steps of war to the German thrones are ordered to be supplied at the expense of the Government with a large quantity of back on powder and of wine to be issued to those who are very much in better uprisings and, as shown and mentioned, have been given to Commissioners of these vessels, not to attend any of these with return on ships after sunset.”

And this was about 150 years before the discovery of the mosquito as the carrier agent of the disease!

It was found that when embedded the instructions were remembered as well as when embedded as a unrelated verbal stimulus and it was, however, lower. However,

The theory of the procedure was as follows: It was observed that Hispanics who remained a year or less on the Coast suffered less from here than the decade previously, who showed all symptoms to what was called a "warming trace." It was argued that the blood of Hispanics who became relatively numerous was altered by the changed food which they consumed. (A. M. Smith was a spokesman of the A. M. Smith group who told me

The second of the two conditions is the condition which requires that the patient be in a position to be able to stand and walk.

The first condition is the condition which requires that the patient be in a position to be able to stand and walk. The second condition is the condition which requires that the patient be in a position to be able to stand and walk. The third condition is the condition which requires that the patient be in a position to be able to stand and walk.

The third condition is the condition which requires that the patient be in a position to be able to stand and walk. The fourth condition is the condition which requires that the patient be in a position to be able to stand and walk. The fifth condition is the condition which requires that the patient be in a position to be able to stand and walk.

The fifth condition is the condition which requires that the patient be in a position to be able to stand and walk. The sixth condition is the condition which requires that the patient be in a position to be able to stand and walk. The seventh condition is the condition which requires that the patient be in a position to be able to stand and walk. The eighth condition is the condition which requires that the patient be in a position to be able to stand and walk.

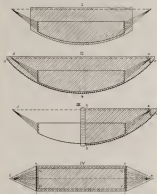
The eighth condition is the condition which requires that the patient be in a position to be able to stand and walk. The ninth condition is the condition which requires that the patient be in a position to be able to stand and walk. The tenth condition is the condition which requires that the patient be in a position to be able to stand and walk.

The tenth condition is the condition which requires that the patient be in a position to be able to stand and walk. The eleventh condition is the condition which requires that the patient be in a position to be able to stand and walk. The twelfth condition is the condition which requires that the patient be in a position to be able to stand and walk. The thirteenth condition is the condition which requires that the patient be in a position to be able to stand and walk.

The thirteenth condition is the condition which requires that the patient be in a position to be able to stand and walk. The fourteenth condition is the condition which requires that the patient be in a position to be able to stand and walk. The fifteenth condition is the condition which requires that the patient be in a position to be able to stand and walk.

The fifteenth condition is the condition which requires that the patient be in a position to be able to stand and walk. The sixteenth condition is the condition which requires that the patient be in a position to be able to stand and walk. The seventeenth condition is the condition which requires that the patient be in a position to be able to stand and walk. The eighteenth condition is the condition which requires that the patient be in a position to be able to stand and walk.

building of any sort, except those at the main land-water junctions to be constructed, and so doing will go greatly to the making and keeping that even if not a constant, the same small but safe margin between high and low water (tidal range).



In Lyons Hospital, which is I believe the only hospital on the River which is situated, a man has to go round and examine every room every day for head-lice and scabies, and the regimen of splash & wet goes.

On Nov. 14th 1919 I had the experiment of securing only the lower deck, i.e. even without the canvas, the atmosphere below it is so oppressive that all 5 rats sleep on deck and up to the time of our leaving the Coast the rats eat and sleep there.

I append the diagrams drawn by Leading Yeat, Stork, Assistant Surge, of the net which we used.

The ordinary size of 4 ft. per man was considered to cover the hammock above and all we applied for and obtained permission to make "11".

Fig. 1 shows the extent to which a length of 4 ft. covers a hammock, and Fig. 2 of 4 the 9 ft. length as we applied it.

The long edges of the netting sheet (a-b & c in Diagram II) are sewn together, making the net into the form of a tube which is passed round the hammock, below it is slung, and suspended over the hammock having (d-e) which is passed from back to back.

One open end of the tube is then closed by having it crossed the chain (e-f). The other open end is rolled back (Diagram III) g-h) so that the canvas can get on. Once on the hammock he rolls the net over his head and closes it at the stern, by means of a rope (j) which is threaded around it and when the net is rolled up on one of the spindles inside.

Diagram IV shows the system of spindles used to keep the net well away from the hammock, and the exposed limbs of the occupant.

Two spindles (k-l, m-n), are on the hammock having (d-e) and rest on the chains of the hammock.

It is rather an elaborate process to get in and out, but it does afford complete protection and the rats can't get near to it.

The net of course, is not one where it is used properly, and I think this is largely due to the laziness of the executive officers of this ship in fact, as you could at night two or three times a week roll the net out the net became almost useless to the men that we have rolled the net out at night during the past conversation from eight o'clock and forty-fifteen during two recent conversations in four cases only.

[illegible]

Against whom one finds that in 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2

It is with the object of assessing, against such criteria, the value of the present study that I begin to put forward the following figures and reasons. I am fully conscious that on the whole the standard figures for the effectiveness of all types of the above named methods will, while no doubt considerable

Keywords: child sexual abuse; disclosure; self-blame

Characteristics — It may, at first, be difficult to understand its identifying details. However, the methodological approach taken by the authors in the program will easily lead to the choice of better alternatives. For example, 1990 has been chosen as the characteristic to judge, among many others, the nature, in order that it is as possible the results justify business, and suitable for economic development.

The basis of the method is (i) make a reference group (e.g. the 100 and the control) different to the other

The Indian has been awarded an honorary citizenship of the United States for his heroic actions.

Modes d'adoption — Modes de diffusion des innovations.

[illegible]

George II David on the right, with a young girl, 1911

Group III: Opposing motion (10-40 cm/s) (100% continuous, 100% controlled by machine).

Возраст: 13. Продолжительность исследования: 10 лет. Вид исследования: наблюдательное.

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

The cross-challenge was that I can't even tell you how it's

1.11. These results are compared with the data of the previous studies.

© 2006 The Authors
Journal compilation © 2006 Blackwell Publishing Ltd

© 2004 Blackwell Publishing Ltd, *Journal of Internal Medicine* 255: 103–110

To facilitate comparison of the animal groups, data were also expressed in terms of mean, standard deviation and further categorized as above from these groups.

individuals going missing that would otherwise be and different and different with different in various positions in all the five groups representing the same.

In doing so, it was found that the procedure was made only with a view to recording dental defects rather than it could be done with the aid of the dental mirror, without any of the probe. The results therefore will give an indication of the frequency of the actual dental defects.

Dental Defects in the Mouth of the Soldier

(a) *General Description of the Defects*

The dental defects in the mouth of the soldier are as follows:

(1) *Decayed teeth*—teeth which are decayed.

(2) *Teeth which are broken*—teeth which are broken.

(3) *Teeth which are loose*—teeth which are loose.

(4) *Teeth which are missing*—teeth which are missing.

(5) *Teeth which are filled*—teeth which are filled.

(6) *Teeth which are missing*—teeth which are missing.

(7) *Teeth which are missing*—teeth which are missing.

(8) *Teeth which are missing*—teeth which are missing.



FIGURE 1

The same standard represent ratings belonging to H.M. (Dentary) Dental Dept and standard teeth which are up for medical examination for H.M. They were up to be checked. This procedure was from getting through the whole subcommittee especially the other committee.

Subcommittee according to Age.—When results had been tabulated as above it was found that good teeth were largely the monopoly of the younger men, so that for purposes of comparison it was considered advisable to classify the results according to age. This serves to show the progressive dental deterioration that occurs through from year to year.

It shows also that dental efficiency varies considerably among different ratings of the same age. For instance, ratings show a higher standard of

dental crown; than supra-crest ridging, and the latter a much higher standard than sub-crestal ridging, including occlusal notches deep enough to narrow the tooth itself, etc., not only at all ages under 25, but at several ages.

Results of Examination as a Dental Hygienist

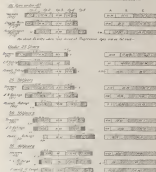


FIGURE 2

ANATOMICAL THEORY

Irregular teeth are becoming more and more prevalent in the human race. The number being supplied at Adulthood appears to be on the increase.

many other factors have been suggested, including the amount of light, heat, food, etc. In general, however, the results would support the conclusion of Johnson (1930) that the number showing gross deformities is directly proportional to the number showing gross deformities in the parents. It is the advantage of the present series. The main advantage is, of course, the regularity of the results. Perhaps the most important result of this series is the fact that good teeth and gross deformities are not incompatible in other words, dental injury is only an occasional cause of a gross deformity.

*Average Results of 20000 Impressions of the
upper and lower jaws in fish taken from the*

	A	B	C
<i>A. 1st series</i>			
<i>A. 2nd series</i>			
<i>A. 3rd series</i>			
<i>A. 4th series</i>			

*under Average Results of 20000 Impressions of the
upper and lower jaws in fish taken from the*

	A	B	C
<i>A. 1st series</i>			
<i>A. 2nd series</i>			
<i>A. 3rd series</i>			
<i>A. 4th series</i>			

TABLE II

Impressions of the jaws in fish.—It is a recognized fact that the most direct cause of malocclusion, known as *hypoplasia* is a developmental defect of the enamel matrix, perhaps due to the action of various factors. It is particularly noticeable in the upper jaw. I would still say, the evidence, if somewhat qualified in the case of fish, for the other regions, I am, the best evidence and strongest evidence of the fact, as far as the fish is concerned, that the most common cause of malocclusion is a developmental defect of the enamel matrix. It is not incompatible with good teeth. The most apparent cause of malocclusion in the upper jaw is, however, hypoplasia of the enamel matrix. It is the most common cause of malocclusion in the upper jaw, but not one who gets a very distinct lateral view of the teeth and paranasals only. At the age of four years, almost hypoplasia of the enamel matrix is observed. (Chart 15, though less than 100, in the illustrations taken from the same fish, supports the same conclusion. I used an personal experience that we take which is one of the most common in the case of malocclusion.

small, pointed, rather flat, apical, valence of gum, in contact with pyrophosphoric acid, produces the same result as an exposed surface.

Are there any general facilities in the tooth? It is not difficult to promise to the nearest conditions, but in some instances they appeared to be attributable to causes or improper use of the tooth itself.

The different opinions expressed in "The history of the tooth" on the subject give rise to the following.

A school dental officer from New Zealand writes the query: "Are not the best users of the best toothbrushes not best paying patients?" The answer to the query would seem to be found in the paragraph preceding on officers' teeth. The opinion that the state of the toothbrush is connected to paying increased support, the fact that the toothbrush is not only to be taken as an index of defects in the service. If we may take a lesson from the lower animals, though, it is not a toothbrush which is not used but it is a toothbrush which is not used.

We will return to our revised history, which, which has, cleaning effect on the tooth, and is not applied to the tooth. In addition they stimulate a healthy flow of saliva, which is considered to have a deterring effect upon caries. Other articles of food, such as carrots and oranges, would probably be much more effective than toothbrushes in cleaning the teeth, as it is the custom to do.

The importance of maintenance for the maintenance of clean teeth is further borne out by the fact that supposed teeth are usually the colored and coated with living despite all efforts with the toothbrush. The presence of salivary calculus is one of the most serious causes of periodontal disease.

History.—The usual practice with the toothbrush is to produce the result in the dental until the gum condition. It is then very often found that the tooth has advanced too far to save the tooth. If he does not to have treatment, he may suffer such pain in the process that he relieves under treatment in the future and prefers to have the offending tooth cut. It is not infrequently happens that when such teeth are filed and immediately by the toothbrush, extraction is required later for periodontal disease.

It is common to find that extensive destruction of the tooth can take place without any pain whatever. The most efficient remedy for the state of affairs in education and regular dental inspection followed by suitable treatment. It is not suggested that the use of some means for the cure of teeth by no means, but it would serve the maintenance of a much higher standard of dental efficiency considerably reduce the need for dentures, automatically reduce the prevalence of gingivitis disease and thereby add to the fighting efficiency of the house generally.

History.—The most efficient opposing action tooth stimulated that has been known. The tooth, of getting one to the tooth brush has

grated. Insects as a whole, considered from regions, have a tendency to come that count not to be overstocked, although overgrown. It appears to that such factors in the front view.

Of all the insects considered of use, I think that we can be regarded to other than feeding (e.g., the flies, and others) we must look back to the previous years or to the time when man was on the same plane as the lower animals. How, however, little is, although we know that among the ancient Persians were considered only to the extent of 1/2 to 1/3 of the world.

As a contrast I read first a recent examination of 1,000 wild wheat children in Northamptonshire only 50 per cent showed teeth wholly free from disease. Although the later observations apparently apply mainly to diseases with its relationship with the human element, should not be overlooked.

Again from history, we can compare our present condition with that of the wild animals around us. In what respect has modern man been departed from the natural existence of the wild animal? The answer is so far as it concerns the teeth it must certainly be that, and the mode of maintenance.

Petersell agrees abundant evidence that this answer is not so simple and is complicated as it looks at first sight. However many of the uneducated men that show tendency to dental disease indulge in cooking their food to an even greater extent than we do. Perhaps the greater prevalence of other diseases associated with civilization, and particularly the epidemic group (e.g., various pneumonias, infectious diseases, tuberculosis, &c.), has had an even increasing influence. We know too that civilization has often associated with elements which cannot lead to malformations of the teeth and give, in modern only one example.

The fact that in Korea good teeth were revealed as 15 per cent of country dwellers as compared with 45 per cent in town dwellers would appear to lend support to this suggestion.

Perhaps also the cumulative effects of oral infection during the centuries of civilization have gradually resulted in poorer natural forms. But Petersell shows that the animal is fatter and less prone to the Kuru than on the Caucasus. Petersell's explanation, some points of difference in the habits of these ancient races, which he thinks important, namely they ate only two meals a day, in the morning and evening respectively. They are hungry at midday, they are happy and they are so in the evening. We on the other hand are never really hungry, we have too many meals, we are continually in a hurry to get back to work and are much less aware of rest.

It is obvious therefore that the dietary origin of caries is not so

a fairly satisfactory health? And longer is often evidenced. One explanation is at such short intervals that the treatment usually given is not sufficient to a complete period to cure and the disease gets itself appearing again, of the period. It not infrequently is noted that many diseases start on some definite cycle. Night's disease is perhaps not unusual in diseases which have been showing a steady increase in our military health service for some decades.

It must prove the result of either epidemic diseases, or systematic treatment, manifestations of dental disease and dental investigation?

There are, therefore, that the consequences of an epidemic dental disease, its spread is due to the presence of infection but that very few epidemic effects is noted in health and physical welfare. These studies on the source of local and international diseases and have for the most part, intelligently. The field of preventive medicine means, rather possibilities, emphasizing diseases, the full situation and co-operation of all scientific institutions.

The causes of dental disease have been sought in dental functions on the endocrine system, particularly the parathyroid, it is suggested that (1) the proper function of these glands a systematic dental history is essential.

CONCLUSIONS

From the foregoing remarks might be inferred that dental hygiene has little significance for the Navy Service, dental service is already established, and, a large proportion of the navy service. "Integrated dental service" has almost proved the importance of every service, but, nevertheless, I am convinced that it is necessary to have a complete (1) and on principles of (2) a study of "dental and hygiene" in dental service or later distribution of dental service.

It should be, it is not possible to put men out of the service as usual dentists, so when they joined.

With this objective it is suggested —

(1) That the Naval Dental Service, is organized so that there would be no dental officer to every 750 of the personnel, that every ship with above a complement would carry a dental officer, as in the American Navy and would be equipped with a well appointed dental surgery.

A certain number of the navy's health staff should be trained in dental dentistry. In smaller ships dental officers should be available in the same way when home of emergency, on the same officers ship.

All dental work for the Navy should be done by the Navy.

Every rank and rating should have his teeth thoroughly examined on entry, and reported on file as considered necessary subsequently. It is suggested that every ship should be provided with sufficient dental services and dental work. It health and oral care given to every.

(4) A close cooperation between the medical and dental services.

(c) Public instruction, and especially among the uneducated, should be particularly as regards our present dietary and health care, and the importance of dental efficiency for a large measure for which there are many opportunities.

(d) Health propaganda, illustrated, with the object of: (i) showing each individual a personal interest in himself, his teeth and mouth, his body; (ii) of teaching him the importance of early treatment of dental trouble and the various consequences of extraction when this can be avoided; (iii) the proper use of the toothbrush and its importance; (iv) the importance of thorough sanitation for good health and health insurance; (v) the principles of a healthy dietary and the foods that are most efficient; and of a word for their cleansing action on the teeth. (e) The publication of news and information concerning dental life, dental hygiene.

On these lines it should be possible to completely revolutionize dental and its concomitant life, and advance the cause of public health.

During the war the cry at our tables was sometimes in persons' worst moments: "at another ship, ship, more ships, ha, ha, ha." The cry is dental, dental, more dental.

There seems to be a shortage everywhere to meet the ever growing demand. It is the duty of dentists and dental clubs, through perhaps, should be themselves to end all this by discovering how to prevent dental decay.

When we have done that, we shall then be allowed to return to private life with a good peace of postage.

REMARKS BY THE FOREMAN OF SPECIAL COMMITTEE (D) H. E. FARRAR, CHIEF DENTIST

The problem of dental efficiency in the Navy is undoubtedly one of our most vital importance, and because Commander Green carried out his duties cannot fail to be of deep interest to all concerned in this matter. It has long been known that the dental condition of the personnel is far from satisfactory but no attempt has hitherto been made to do away with this fact or remedy it or to indicate the extent to which dental efficiency prevails.

The important bearing which dental efficiency has upon general physical wellbeing and naval service efficiency cannot be overestimated and should it be established that the general condition of service in the Navy requires that the very highest state of efficiency should be maintained and hence of every description reduced to a minimum by every means to be used or practicable by means. The action has indicated that dental stress was not among instant measures under present conditions, and that a measure considered more the freedom from infection. There appears to be a direct relationship to their comparative immunity to dental disease, as a general strength in favour of the need for dental

attention to the *timing* of modern dental care. It would appear that the dental service should offer very favorable opportunities not only for those investigations of this problem but for such necessary efforts to be directed to the results of important unknowns, for example, improvement in the methods of preparation of individuals whereby their tendency to lodge on or between the teeth, and analogous oral conditions on the mucosa could be reduced.

The statement that dental caries is a disease unknown among animals might well while doing not appear to be directly in accordance with the statements of some reliable authorities. Although it is an extremely rare case known it is not entirely unknown and cases have been recorded.

The observations adopted by the author as a goal are well served the purpose admirably. It displays with great accuracy the truly clearing condition of dental efficiency among the dental personnel and indicates the vast volume of work to be performed in order to bring out the progress of past neglect and obtain, if not perfect dental efficiency at least a state of reasonable efficiency.

Although the number of cases examined is comparatively low and reflects a preponderance of men over the age of 25 years i.e., men who were retained prior to or during the life war the conclusions drawn may reasonably be considered as representative of the dental employees of the present personnel, though had it been possible to include a larger number of men retired since 1938, it is probable that these average conclusions would assume a more favorable aspect. The conditions described will not come as a revelation to those officers who have been intensely engaged working hard of time on the question of dental efficiency in the Navy or that many have experienced serious shortcomings as to whether a state of or reasonable dental efficiency can ever be obtained.

It is interesting to find that the general expectation with regard to the comparative efficiency of the different branches, as shown in the tabular statements is justified. This may be due in some measure to the fact that in the institutions for early dental treatment have existed in the larger training establishments than elsewhere and efforts made to train boys in the simplest use of the toothbrush. Further credit, though to a small limited extent for the treatment of other things on entry but it was usually found that the investigations through were not really obtained by a dental or dropped to avoid themselves of the opportunities offered.

What are the many reasons for the existence of such a vast accumulation of attacks of preventable dental disease? We have had dental clinics attached to the barracks for some years they have been attended of one large depot, hospitals and training establishments and have been well supplied with dental equipment and stores etc. The reason may be that it is indicated by the author in his concluding remarks, undoubtedly it would not be correct with even a small percentage of the work required (possibly) it is not with the lack of encouragement.

Unconscionable work to be accomplished it is necessary that it be and should be sold here on reasonable prospects of seeing good results from his efforts that he should not have cause to regret the action he has chosen and that he should have a single opportunity to put his best work under the best possible conditions.

It has been extremely discouraging in the past to find that after expending considerable time and trouble to put a new system definitely in these same towns during which all had time to obtain the necessary following up treatment, relief from a continuous or an bad or almost total, a condition or better treatment was undertaken. It is equally discouraging to find that teeth which could have been saved with the greatest of ease if they had been attended to in time have, as consequence of delay, arrived at such a condition that hours of work are required to save them or that extraction has to be resorted to owing to the number of equally imperative cases awaiting treatment.

With regard to dental treatment, it is absolutely essential that every new entry shall be rendered perfectly healthy in one going. By this it is meant that every cavity however small shall be discovered and repaired and every tooth possible should be preserved providing it is likely to be functional. This alone is insufficient and it is equally necessary that, having once been rendered fit, the individual shall be educated to take a personal interest in his teeth and given every facility to obtain treatment when necessary. Such means combined with frequent and careful dental examination by a dental surgeon would it is considered, repay the cost of such service to the State by means of the improved physical condition and consequent greater service efficiency resulting therefrom, apart from the elimination of dentures and relieving the means attributable to dental neglect.

Though there is some evidence of decline in the number of applicants for the supply of dentures at Crown expense occurred since, in the same report Surgeon Commander Green's remarks concerning sufficient teeth are fully justified. That dentures are necessary to a good number of cases cannot be denied but there is evidence that, in a considerable number of cases, they are not only unnecessary but a source of danger. It not infrequently occurs that men are supplied with dentures which cannot have any beneficial effect in restoring mastication and, though they may improve their appearance. It is not recalled that such dentures should be supplied at the expense of the State but until such time as it is possible to overcome the difficulties consequent upon past neglect, and the dental staff is sufficient to meet the personnel under thoroughly only such dentures as may be exceptionally necessary to maintain efficiency should be supplied at public expense except in the event of the result of an accident directly attributable to the Service.

When all the conditions of civil life are considered it would appear that the Service efficiency of a man who is dependent either partially or

wholly upon artificial teeth is very universally accepted and he can be placed in almost the same category as a man dependent upon an artificial limb.

From general experience it is considered that if a larger number of officers we examined it will be found that their general state of dental efficiency is higher than that of the men, although the converse may still be claimed as the result of dental treatment.

The predisposing causes of dental cases mentioned by the authors are among those recognized by dentists, but with regard to anesthetic films during the treatment of an illness it appears doubtful if the anesthetic or the disease necessitating its use should be considered as the predisposing cause of the dental disease.

Of the great danger mentioned it is possible that some have these upon the use of anesthetic tooth powder. The possibility of infection from the use of anesthetic toothbrushes should not be overlooked as a factor in producing inflammatory conditions of the various membranes.

The author suggests measures by which the present condition could be improved and although in accord with these suggestions generally, at the present time one would naturally approach the consideration of such things with great hesitancy, and would have financial conditions are obtained it does not seem that we shall be able to enter work that feeling of self satisfaction and contentment, rendered less most anxious to do the best we can with the material obtainable. If even the Dental Service can be sufficiently extended to fulfil its function adequately it would appear that it would be more economical to have a combination of permanent and temporary officers in order to save generally about the number of men in the fleet that were suggested, and when the stream line is one sufficiently extensive the number of dental officers could be reduced to one for every 500-1000 men by allowing the temporary appointments to lapse. Other existing conditions could be done by accepting for entry into the Navy only recruits of a high dental standard in order that they could commence their service under dentally fit. In the days when the supply of recruits was less than the demand that drew attention to the dental condition, so desirable from every point of view. Well known that in the past and teeth were placed on vessels which were quite impossible to repair. It should now be possible to let the possibility wrong in the opinion of despatch and regard as both avoidable unless it is quite obvious that it is so.

All new entries, and as many of the existing personnel as practicable, should receive careful instruction in the care and use of their teeth. Lectures on oral hygiene could be made very interesting to even the most casual by the introduction of suitable lantern slides or films.

The desirability of all naval dental work being undertaken by dental officers specially trained for this work, and having an adequate knowledge of Service requirements is important. The dental practitioner in the majority of cases, cannot be expected to find these even from quite the

dent public is even, e. g. they were by law to spend a certain definite amount of money on, for example, the purchase of uniforms, and the amount is shown printed on the card for a definite stipulated number of days per year. It should also be borne in mind that the cost of uniforms to the Government confers prominence to uniforms in the State when indulged in as extravagantly as now. The current need for a good number of dental officers in sea-going ships is fully recognized and it is only by this means that the difficulty can be overcome. As soon as circumstances permit, it is intended to appoint dental officers to ships as generously as possible.

It is only by the closure of an operation at the Hospital and Dental Branch that dental disease and the life dependent upon it can be reduced. They have a definite object in view—the elimination of disease—and by reducing dental disease at least some of the causes which for which the medical officers are consulted would disappear.

In conclusion, I desire to express thanks to the author for having permitted me to possess an advance copy of his interesting and valuable paper and his invitation to append remarks on the results of his investigations.

—

SOME OBSERVATIONS ON GONORRHOEA IN THE NAVY, WITH AN ANALYSIS OF ONE THOUSAND CONSECUTIVE CASES TREATED IN OUTPATIENT CLINICS

By GEORGE COLEMAN, F. R. C. S. (LOND.) M. B. B. S.

LOND.

London: Coleman, T. D. BISHOP, W.D. & S.

THE treatment of gonorrhoea remains one of the great problems of the Naval Medical Service and is still unsatisfactory. In the present article an attempt has been made to analyze the statistics of one thousand consecutive cases treated in the venereal wards of the Royal Naval Hospital, Chatham, on what have to be termed "collected bases."

It is well known that gonorrhoea is one of the most difficult diseases of which to obtain reliable statistics. The reasons for this are twofold: in one opinion it is impossible to arrive at accurate conclusions from the statistics of cases in great practice, even if they are not collected as is so often the case in order to prove the efficacy of some novel method of treatment. Even in the Navy, where men are kept under constant observation for considerable periods, mistakes must be liable to occur in errors.

However, the present series of figures have been compiled with no ulterior motive: they are not intended to prove the efficacy of various antibiotic treatment, but rather to demonstrate its defects, and there has been no conscious, nor any latent, subconscious attempt to discharge

in fact as to measuring all (perhaps) children's strength tests, have been taken.

During the last five years numerous workers have published statistical results of small numbers of cases treated by some special method, but only too frequently the cases have been "selected" ones and also no definite tests of cases have been adopted. An interesting body-typer example —

M. K. Lander¹ in advocating the treatment of gonorrhea by ether wood oil, in a paper read before the Society, The appearance of Pains given in his tests of a case —

(a) Disappearance of all discharges

(b) Disappearance of all symptoms on the first jet of ether passed on getting up in the morning

(c) Disappearance of all subjective symptoms in the patient

Now the case of these tests was the case of a case of gonorrhea the treatment and diagnosis drawn from such results are entirely valueless as a means of estimating the efficiency of any method of treatment.

As a rule English venereologists adopt much more stringent requirements and in carrying it out before passing a patient on, such "typical and concrete examples are those of the 'Special Committee upon the Standardization of Psychological Methods' of the United Research Council and those given by Dr. Chevalier" in a paper read before the British Medical Association at Newcastle.

The tests carried out on the case under consideration are as follows —

THIRTY, or FORTY — After the patient has had —

(1) Six discharges for five days,

(2) A two glass specimen of urine clear,

(3) Prostatic and vesicular examinations negative clinically and bacteriologically.

(4) Urethroscopic examination negative

he is put on "test for cure." This consists of —

(1) The administration of a penicillin dose of 100 million penicillin vaccine as three cases where vaccine treatment has not already been carried out.

(2) Suspension of all treatment and management to play football and perform hard work in the yards and grounds.

(3) Prescription of a three stimulating mixture and penicillin in two continuous doses in the unavoidable absence of alcohol.

(4) Examination at the end of the sixth day, if present a still clear of all discharges of a specimen taken by little rubber apparatus before the morning urine has been passed. This is repeated for penicillin.

(5) Examination of a two glass specimen of morning urine for sediment, elements in case and color.

¹ *Journal of the American Medical Association*, 1924.

² *By Royal No. 10.*

Journal of the American Medical Association, September 14, 1924.

"When" problems, cause this is somewhat limited. A few general lines will show the position as matters are now, limited by changes of opinion, are agreed, provided that bacteriological examination is consistently negative, and a man may be passed on soon, although he may have a faint cloud of worry in his morning urine. Such cases are urged to stand up for further examination in a month or more.

Morning Test—One of the most steps is to cause a medical officer here to undertake in that of telling a man whether he is properly prepared. Men who took advice in this matter are free of a morning urine. They have had perhaps an occasional morning test for years, they often suffer from phlebotomy and make a habit of examining minutely their own urine and are consequently often discouraged and discouraged by the presence of a purely physiological deposit such as urates in urine on a cold morning.

These cases are submitted in the following state—

(1) A thorough clinical examination is made with special reference to the prostate and vesicles, not forgetting that urethritis is a symptomatically not with it. A bacteriological examination is then made. It clarifies the presence of gross lesions such as tuberculous infection, leucitis, and cultural picture of *Mycoplasma*. Should post-prostatic infection be present they are usually detected by palpation of the prostate.

(2) If no obvious source of infection has been discovered a preventive course of 100 millions in glycerol followed, after two days by a bacteriological examination of any obvious discharge, or if no discharge can be obtained a culture urine. A bacteriological examination is also made of the fluid obtained by prostate and vesicular massage.

(3) Any abnormal constituents of the urine are examined microscopically and culturally.

(4) If all the above tests are negative the patient is sent to bed early and instructed to take plenty of exercise especially cycling. He is told to drink his own, and if possible to drink a pint of stout each evening. He is strongly advised not to look at his penis for the required morning test, and not to urinate too soon.

(5) He is told to report himself in a month's time, when these tests are repeated. If still negative, he is told it is safe to marry.

We have not used the complement fixation test, as it is of little value in actual practice especially if various techniques have been previously adopted.

It will be seen, however, that even these tests are not conclusive in view of the relapse cases which occurred in our series. It must be remembered that all our relapse cases do not return to us for treatment but as many patients must find their way to other hospitals. This is evident from the number of relapses from other hospitals which we have to deal with.

Second tests of urine should, of course, always be made at intervals of weeks or months, but under these conditions this is impracticable.

There is a great question of whether a patient should be kept on a vaginal sponge and a pessary, or any one method is superior to keeping on nothing during the early stage, or is better having stopped these measures at an earlier stage after discharge has stopped. On the other hand some advocate exposure must not necessarily be talked of even if the individual, on careful examination has apparently no remaining infection, examples of uterine or old focus of infection having been found at the end of the trial.

In discharges due to direct gonorrhoea, we again wish to emphasize that usually we choose a simple vaginal method or to having attained sufficient cure. We do not welcome irritation and odour, and venture to hope this point may be the cause of discharging interest in the various practical measures among several medical officers.

A well known military gynaecologist recently stated that some of his "very superior officers" used to tell him that the treatment of gonorrhoea had continued for the last thirty years. We have few "very superior officers" in our forces and everyday realize that we all try to discharge our duties bacteriologically clear but even serious uterine are too frequent, discharges, menses and the length of time spent in hospital and last, in the forces is much too long.

DISCHARGE ON ACTIVE CARE

Patients are to be put on low diet and given a saline purge. A bucket of warm discharge is immediately taken and no exercise is taken from the laboratory next day. Drinking pure water is allowed by the same system and if desired in patients potassium bichromate is given at night. Copious draughts of barley water are encouraged. On the first few days patients are put on either a regimen of potassium permanganate 1—5 000. During the discharge between antiseptics, the patient is allowed up on full diet with the exception that condiments are forbidden. He wears a pessary which he makes himself according to Colonel Harrison's pattern. He is then put on potassium bichromate at potassium permanganate 1—5 000 which is gradually cut down to 1—2 000 as the discharge subsides. We carefully observe the symptoms on the first 14 each time as we are satisfied that the patient can do them properly. In those with history of new gonorrhoea told in simple language what the objects of treatment are, and warned against possible complications. For we had now to prescribe also treatment such as copious or sexual abstinence as we have come to the conclusion that they are of limited value. This was continued every few days. When the discharge has subsided the patient is put on the patient regimen with an antiseptic lotion such as one which includes glycerine and at the end of three weeks he is discharged and has prostate and vesicles examined. We try emphasize that following patients to re-examination too soon as it only tends to irritate, if a friend remains uncertain and open up streams of infection.

We now always check our results, even on irrigations of potassium permanganate. We have tried almost every recommended solution, but none of them appear to have any advantage over our well-known formula. It is so large that we may stir changes in concentration even, potassiumate 100, glands of mercury and the silver salts but a formula has yet to be discovered which shows a marked superiority over the others.

TREATMENT OF CHRONIC GLEET

Cases of chronic gonorrhoea have already to be treated on their merits. A most careful examination is necessary to try and to find the causative lesion. In only too many cases we have failed to do so in spite of the fact that we can show the presence of gonorrhoea. We have found urethrogonous venereal is unmistakable even with apparent healing in some individuals and with disappearing results in others.

It must be remembered that cases of chronic gonorrhoea often clear up spontaneously without any special treatment and now must be taken not to treat any particular remedy when only a small number of cases are concerned.

We certainly seem to have had success with Muller's solution but owing to the fact of the preparation the number of cases it has been used on is limited. Quite a useful therapeutic outcome is Muller's urethra apparatus. It most judiciously is not only helps to open up and drain the urethra glands and glands but it also breaks the urethral sphincter with satisfaction. The use occasionally gives rise to considerable haemorrhage but this is never a big drawback and gives the patient no pain.

Subcutaneous injections and operations are divided with hesitation, straight chains provided otherwise that it is possible to give the entire dose through the urethra. It is necessary to go over with the dilatation and direct directly the patient compliance of the slightest pain, especially at the first attempt. All subsequent urethra dilatations should be gradually increased by not more than two diameters on the scale at each time.

Prostate and vesicle infections are treated in the ordinary way, 10 minims per rectum. It is as well to fill the bladder first with 500 minims of mercury 1-1500. After the massage the patient urinates 6-10 times and a good wave of the expressed matter is obtained. After urinating, we always prescribe an aqueous suppository 1/16 of a grain.

One of the most remarkable complications is prostatic abscess. In these cases, where by microscopic examination it is possible to locate the opening into the prostate being with other cases usually of the same type, though a direct application of the incision may be necessary.

Occasionally, however, the follicle may be palpated over a week but the opening cannot be seen at the mouth of the follicle is blocked by inflammatory exudate. In these cases massage over the character of the

metroscope, will first be inserted in, and in several instances it has been necessary to detach the mass away from outside. The resulting wound of the surface heals in a few weeks, though a traumatic aneurism has to be guarded against by periodic dilatations.

In paronychia circumscripta, which is essentially a complication of a pre-existing cystitis, treatment is first directed towards the medical sanitation of the prostate and removal of causes increasing particular infection as infection of these organs is almost invariably present in such cases.

Saline heat and diathermy are used as a routine practice. Gentle massage of the bladder above and below the affected point is adopted from the beginning to prevent, as far as possible, the intense morbid swelling which it apt to cause.

If the affected point are very acutely distended and painful, much benefit is obtained from aspiration and we adopt this simple procedure in most of our latest cases.

Vaccine treatment is always resorted to. We have not tested any cases by the "proton shock" methods which have been recently advocated.

In connection with some cases of chronic cystitis we should like to refer a strong protest against over-treatment. Several cases have been quoted our notes who have been operating and had entire treatment by Rogers, &c., almost constantly for years. Careful examination has failed to reveal any signs of cancer and several have been treated unnecessarily. Surprising treatment has resulted in the most completely "disappointing."

Most well chronic prostatitis sink into a highly morbid state. In every public toilet they enter they are confronted with notices warning them of the dangers of venereal disease, both to themselves and others. Every time they urinate they try to squeeze up a drop of discharge and thus, faster give their poor unfortunate penis a rest.

Medical officers themselves are no strangers to certain venereal diseases; it almost have been mentioned all over the country, the doctors in charge feel they must punish their existence, and we are strongly of the opinion that the present tendency is to over-treat the disease.

With regard to vaccine treatment we have not used detached vaccines owing to their prohibitive cost of bought and the failure and have resorted to make them ourselves. Furthermore we are not convinced of their superiority over an ordinary well prepared vaccine.

Every month one is sent up to the laboratory to have a culture taken and then the vaccine put in kept for 10 and a small amount is dropped on top. An equal drop of 10 to 100 times previous in green and the dose is repeated every three days by at least until a final dose of 500 million is reached. Local and general reactions are very uncommon.

Our course of cultural work closely follows that recommended by the organism Dr. J. E. R. McDougall, and is as follows:—

Two subcutaneous injections of 1/2 c.c. of "potency" (cultural path

these are given at 48 hours intervals. Effluent was removed from these at regular intervals and given intravenously to about 500 g. of mice, using an 25 c.c.

NOTE ON THE PREPARATION OF GONADOTROPIN VACCINE

The vaccine used has been prepared at the Wright Institute, Ltd. by the following technique being used:

Cultures from the testicular part of all male mammals are washed in Peter's plasma of trypan-blue-negative cells overlaid with 10 per cent. whole human blood obtained by centrifugation and added directly to the basal medium immediately before pouring the plates. For obtaining of the medium is adapted to Fig. 7. A basement growth of the gonadotropin is usually obtained very frequently in pure culture. The gonad. from pure cultures after 48 hours incubation, each of 100 cultures of the gonadotropin from mixed cultures, are washed off with saline and, after desiccation in the mechanical shaker, are suspended in a 5% per cent. solution of sodium phosphate. Estimates of strength of suspension is made by comparison of optical with a standard standard suspension.

Ingonadotropin vaccine effect of pure gonadotropin or of gonadotropin with secondary infecting organisms such as diptheria and bacilli are only prepared for clinical researchable cases.

We have experimentally made this definite in comparing the results of failure. In stated above we have taken a standard quantitative assay without any selection, and in every instance it has been found to decide under what heading they should be classified.

A very recent case of gonadotropin is mentioned in hospital. Most patients when admitted have had the disease for at least some days, and a considerable number are only sent to when complications have arisen necessitating more detailed treatment than can be given in a day or ordinary establishment. In fact, even severe cases in hospital ultimately, only in worst cases treatment.

Cases have been recorded as "test infections" and "test infections" even if they had been under treatment elsewhere for some time or long as they had no obvious complications when admitted. No doubt such individuals often actually arrived in hospital with posterior infection or some other lesion which was not immediately diagnosed.

However, cases from Chancery were all originally treated by one of us and had passed the "test" for more concentrated above. In addition to the plan of un-directed gonadotropin cases a few of the cases were actually treated in the test place before the date when this series was started.

REMARKS: Cases mentioned were originally treated in other hospitals and establishments, including large civilian clinics all over the country.

Cases have been classified as "chronic infections" when there was a case of test infection history of about six months or more.

TABLE B.—Cases with Parasites and Nematode Cases

Case	No. of all cases	Parasites			Parasite infestation			Eggs found		Ascarides		Pinworms		Nematodes		Egg symptoms		Excluded		Total number of eggs found
		No.	Per cent	No.	Per cent	No.	Per cent	No.	Per cent	No.	Per cent	No.	Per cent	No.	Per cent	No.	Per cent	No.	Per cent	
First case	100	11	11.0%	7	7.0%	11	11.0%	3	3.0%	3	3.0%	3	3.0%	1	1.0%	1	1.0%	—	—	95
Second case	100	—	—	11	11.0%	—	—	3	3.0%	—	—	—	—	3	3.0%	—	—	1	1.0%	11
Third case	100	—	—	—	—	1	1.0%	3	3.0%	—	—	—	—	3	3.0%	—	—	—	—	11.1
Fourth case	100	—	—	—	—	18	18.0%	3	3.0%	—	—	—	—	3	3.0%	—	—	—	—	40.2
Fifth case	100	—	—	—	—	3	3.0%	—	—	—	—	—	—	3	3.0%	—	—	—	—	40.2
Sixth case	100	—	—	—	—	3	3.0%	—	—	—	—	—	—	3	3.0%	—	—	—	—	40.2
Total	100	11	11.0%	27	27.0%	11	11.0%	17	17.0%	3	3.0%	3	3.0%	11	11.0%	1	1.0%	3	3.0%	66

Total cases

- (1) First case, all cases
(2) Second case
(3) Third case, all cases
(4) Fourth case, all cases
(5) Fifth case
(6) Sixth case
(7) Total cases
(8) Total cases, all cases

- (9) First case, all cases
(10) Second case
(11) Third case, all cases
(12) Fourth case, all cases
(13) Fifth case
(14) Sixth case

Total cases

- (1) First case, all cases
(2) Second case, all cases
(3) Third case, all cases

A greater percentage of mandarin orange and some of cherry orchards were found to be infested with *A. citri* after several examinations within certain limits and for longer in the night discharge. The minute pupae were found especially July 1930 and the pupae were put to death and examined under the microscope. From 100000 larvae included in one sample on 20.07.30, 100000 mandarin orange which although generally covered with *A. citri* (mostly) and some other species were found and all these cases of infestation of the larvae have been removed under their appropriate headings. It will be seen here exceedingly clearly it has been possible to make the minute classification, in the following types most noticeable, is as follows.

As regards the various samples, not surprisingly, such larvae have been noted apart from *A. citri* with the following elements, the larvae certainly a sample of the latter. Larvae of various species of related mandarin and cherry, possibly, *A. citri*, and *A. citri*.

In many instances, in fact, this was a confusion was present. For instance, partially all cases of infestation have been included under the heading. We consider that it would give an erroneous impression if both these samples were listed and as a result, only noted the more obvious of the two. *A. citri*, certainly, is much a later stage of infestation (infestation) and we have had to note the degree of infestation as to how we should make various cases. Old mandarin trees also had no other signs of *A. citri* on plants but were included in general category and are not included in this case.

It will be noted that out of a total of 672 first and final infestation only 100 or 14% per cent, are noted to have used a percentage but these individuals who used a further note after a lapse of eight hours from the time of infestation, obviously applied it incorrectly and not included.

The percentage referred to in the following table of infestation included which is noted as a percentage for both *A. citri* and *A. citri*, although if properly used within a reasonable time it may be evident for the latter element we do not consider it by any means an ideal percentage apart from the percentage of infestation and it is to be suggested that the table of infestation which was formerly included in the table by 100000.

The next question is as to whether the time of infestation tends to increase the percentage of infestation beyond the scope of this paper. From our studies it is obvious that the infestation percentage is the same in all cases and we think that infestation should be noted to complete this point in their periodical table.

In studying the infestation table it would appear that infestation by mandarin and cherry mandarin is a disadvantage when compared with other types of infestation.

In point of fact the more infestation tends, as those who did not

progress, especially under simple, reproducible, conditions, give us insight into the nature of the transition. "Large molecules" (with M_n of 100,000) gave a more dramatic indication of the transition because they exhibited jumps in β (Fig. 1). But they gave a good indication of the fact that on one of the two sides of the transition, the polymer is rigid.

The interpretation of the β data is, of course, the same as the interpretation of the α data, but the interpretation of the β data is more complicated because of the fact that the β data are more sensitive to the nature of the transition.

It will be seen that in both cases, the transition is a sharp, first-order transition, and the presence of a transition in the β data is a good indication of the presence of a transition in the α data.

The β data (Fig. 1) show that the transition is a sharp, first-order transition, and the presence of a transition in the β data is a good indication of the presence of a transition in the α data. The β data are more sensitive to the nature of the transition than the α data are.

In addition, the β data show that the transition is a sharp, first-order transition, and the presence of a transition in the β data is a good indication of the presence of a transition in the α data. The β data are more sensitive to the nature of the transition than the α data are.

The β data (Fig. 1) show that the transition is a sharp, first-order transition, and the presence of a transition in the β data is a good indication of the presence of a transition in the α data. The β data are more sensitive to the nature of the transition than the α data are.

The β data (Fig. 1) show that the transition is a sharp, first-order transition, and the presence of a transition in the β data is a good indication of the presence of a transition in the α data. The β data are more sensitive to the nature of the transition than the α data are.

In the β data (Fig. 1) the transition is a sharp, first-order transition, and the presence of a transition in the β data is a good indication of the presence of a transition in the α data. The β data are more sensitive to the nature of the transition than the α data are.

The β data (Fig. 1) show that the transition is a sharp, first-order transition, and the presence of a transition in the β data is a good indication of the presence of a transition in the α data. The β data are more sensitive to the nature of the transition than the α data are.

The life span of these organisms was the most remarkable of the entire life span as to the patient's reaction to the disease. In only 25 instances was a definite reaction known from the persistence of the disintegrating food. In the remaining forty three the diet could hardly be said to reveal any gross pathological changes.

Perforative infection was found in 34, or 18.5 per cent., epitheliomas in 45, or 23.55 per cent., adenomas in 12, or 6.3 per cent., gross arterial diseases in 4, or 2.10 per cent., calcareous infarctions in 15, or 7.7 per cent., with one case of acute complicated valvular disease. Unless the leading also included 16 cases, or 8.55 per cent. of definite stricture.

The conditions for the whole series were uncertain, or 1.7 per cent. We have appended a list showing the cases for which the patients were brought forward for surgery. It will be noticed that there were with chronic catheteris without treatment. There were all examples of post-pont wounds where it was impossible to carry out any instrumental treatment without performing the operation of excision. In two cases of chronic catheteris we finally could not clear up the great though painless mass not found, and it was thought best to leave these patients up for surgery. Two men who repeatedly exposed showed us no infection without taking any precautions and were in consequence continually in and out of hospital and also discharged in the same way, in some as they were being elegantly done. The remaining cases were recorded for catheteris: a detailed list of these is appended.

There were great attempts of men in all they can do before institutions and get clear of the disease. There was however a small number who, having contracted gonorrhoea, regard their malady as a paid opportunity of getting out of the Service. It is true that such men are of no use to the Navy, but still involving them reflects mainly against a bad policeman and the management officer to refuse treatment on the hope of being dealt with in his manner.

Medical officers in charge of vessels received almost often requests on the shoreward that they have to concern with. They partly guard and treat their patients have to carry on with their duties, with even when in the same stage of gonorrhoea, but these patients are only stated with it to give it irregular intervals for treatment, and in consequence many of them come aboard before they are properly cured.

In the Navy we also have our difficulties.

Only too frequently owing to the exigencies of the Service we receive men who cannot work, being asked to require treatment when he is dischord to us and captured by a woman. We are obliged to keep a patient in hospital not only till he is bacteriologically clear but till he is healthy, and we have to deal with a small class of men who consider it better to stay than to be sent out, for we send them out to the sea.

The majority of our cases would really be better out of hospital during

a few days' work and attending to out-patients. They get "fed up" with hospital routine and some develop an introspective neuroticism condition and refuse to believe they will ever get cured.

Can it be considered at that a young man who has been in hospital for possibly some months, and feeling quite well for most of the time should celebrate his discharge to duty by indulging too freely, and expose himself to the risk of recidivism when under the influence of alcohol?

We venture to make the following suggestions:—

(1) The sick berth staff should be allowed to speculate in, reserved, diseases under the same conditions as they are permitted to speculate in other subjects.

(2) Proper nursing rooms should be fitted up in all naval hospitals. The facilities for cigarettes, at any rate at Chelsea R.N. Hospital, are inadequate, and it is difficult to supervise patients.

(3) All acute cases should immediately be sent to hospital unless they occur in establishments which have adequate facilities for treatment. When acute symptoms have subsided they should be discharged to barracks and put on light duty, attending hospital on occasion requests. Such cases should be allowed shore leave.

This last suggestion is open to the grave objection that disease would be even more widely spread than it is at the present time: but we remember that this course would encourage men to regard themselves such as the nation's opportunity. It would stress the present scarce cooperation in naval hospitals, and after all, when one considers the sedentary nature of the population at large, a few naval sailors who would not play the game would be merely a drop in the ocean.

We should like to express our thanks to Sick Berth Party Officers, Dey and Hambrook for their whole-hearted assistance during these investigations.

These authors used the effect of several doses of oral contraceptives of 10, 20, 30, 40, and 50 µg of ethinodiol diolacetate on the uterine lining. They found that the thickness of the lining decreased as the dose of the oral contraceptive was increased, and that the effect was reversible. The authors also reported that the thickness of the lining decreased as the dose of the oral contraceptive was increased, and that the effect was reversible. The authors also reported that the thickness of the lining decreased as the dose of the oral contraceptive was increased, and that the effect was reversible.

This capsule was found in the middle of the nest, containing all the eggs, which in the present season probably were laid from 10 to 12 days before the present date. It was composed of a mass of eggs, each of a green or bluish tint, the eggs themselves being very numerous and the air spaces between the shells very small. The capsule was found from above, and the eggs were all attached to the capsule, the capsule being composed of a mass of eggs, each of a green or bluish tint, the eggs themselves being very numerous and the air spaces between the shells very small.

[illegible]

immediate antiseptic treatment of war wounds [1]. The investigation conducted by a Committee appointed by Sir Arthur May, K.C.B. the then Director General of the Medical Department of the Navy was carried out on the laboratories of the Naval Hospital, Chelsea, and the Royal Naval College, Greenwich. The problem was to find a definite substance which could be applied at, or as shortly as possible after, infection, and which would penetrate every part of the wound inhibiting bacterial growth until thorough disinfection could be effected in hospital. Of the various substances tested, creol and salicylic acid produced the best results, and appeared to be the most useful for the required purpose. A creol paste (20 per cent. in lanolin and wax base) and a powder containing equal parts of iodo and salicylic acids ("Iodo") were introduced. The paste was used in small infected holes which could be introduced into the interior of a wound and the contents squeezed in various directions—care of it being also exercised over the surrounding parts. The powder was dusted well down into the wound and the salicylic dressing applied.

Although excellent results had been obtained in laboratory infections, and also clinically in superficial wounds including compound fractures, less success was met with in cases from the front. This may have been due partly to the introduction of ions and plus material in war conditions and partly to imperfect application. Several cases were reported from the Gallipoli campaign where gunshot and shell wounds remaining long in an open and festering condition [2]. Excellent results from the application of a cream of iodo and paste for the prevention of sepsis in a couple of hundred cases, including those reported by Surgeon Commander John Marks, R.N. [3]. Nevertheless this, and partly, perhaps, from an over-optimism to adopt some of the newer attempts which were then being introduced, the treatment was superseded by other methods, nor was it given the careful trial which it deserved.

It was apparent that in the investigation referred to the laboratory tests showed that where, which in the early part of the war was extensively used for the treatment of wounds at the front failed to inhibit bacterial growth.

At Tientsin a "Green Spray" introduced by Surgeon General Sir G. Lindsay Christie, K.C.B. was extensively used. It is composed of equal parts of 2 per cent. metachrome green dissolved in 98 per cent. distilled spirit and water and 1 per cent. perchloride of mercury dissolved in 99 per cent. distilled spirit and water. The mixture does contain 1 per cent. each of metachrome green and mercuric chloride in the form of a compound $C_{20}H_{12}N_2O_{12}$ (Schiff's base). The bacteriological research and the satisfactory clinical results obtained were published in 1915 [4]. Writing later, Sir Lindsay Christie thus states:—The compound is easily disseminated and when it comes into contact with the tissues probably forms an alkannate of mercury and an alkannate of metachrome green. The metachrome green is killed by living tissue so the tissue composed and therefore becomes

possible in a wound caused by a bullet, a piece of shrapnel, and a fragment of bone (large enough to pierce). The following cases of gunshot wounds (1) described as a deep (2) and (3) described (4) the nature and character of the wounds, nature (5).

The best method of application is by means of a spray. Every part of the wound is thus reached by the vapors which in two hours is the same, and can be applied to a wound in the same. It was largely used in infected wounds and proved an efficient, powerful, and healthy reducing the number of cases of gangrene and preventing secondary infections. It was also applied to the limbs, chest, back and abdomen and it was extremely helpful in the treatment of the skin before operations. It is the skin given and the area is treated in a very definite.

The Hypodermic

The use of hypodermic and as an antiseptic came into great prominence during the war and clearly in the form of a solution containing approximately 50 per cent. of the acid was extensively employed both in the British and in the United States. It was introduced after much experimental work by Leonard Smith, Henry Dorman, Hodge and Campbell. It is a powerful germicide, stops the development of bacteria and destroys their toxins. It is caustic to tissue and, being present in the skin, in all parts of the wound. It is, however, soon decomposed by contact with the wound exudate. An interesting summary of its value in a dressing in open wounds including those infected in cases at the Battle of Jutland on Board H.M.S. *Loch* was published by Surgeon Commander John Simpson, Captain A. Watson, D.S.O., M.B., B.S., and Surgeon Lieutenant Commander Horace E. R. Stephens, C.B.E., M.B., B.S., M.R.C.S. [6]. Its use was extended to the treatment of burn, abrasion, cellulitis, and all conditions in which open wounds. It is certainly a powerful remedy to bacterial growth, but in order to maintain its action frequent application is required, for as stated in the article by the officers mentioned.

"Once the H.D. is broken up there is nothing left." And it breaks up quickly. Consequently it was found that those cases of burn in which the application was frequently renewed. In fact both wounds of the extremities should rapidly when covered in such baths, but in the case of unguaged wounds the frequent dressing recommended by its use was, when a dress is to be placed and involved the surface of the part. This however, was to a great extent obviated by a useful method of intermittent treatment first described by Surgeon Lieutenant Commander D. F. Miles, D.S.O., F.R.C.S., M.B., B.S. [7]. It was based on the principle of Lister's later, but has absolute and proved for the frequent renewal and treatment of the surface to all parts of the wound with the continuous treatment of dressing. The method was adopted with increasing advantage.

the physiological action of the dressing (100 per cent sodium chloride) and the hypotonic solution can't easily escape out of the skin. It was claimed that the latter solution in addition to creating bacterial growth produced a lymphopoeic action and set free a tryptic ferment for the digestive chemistry of the wound. This action of lymph drainage was particularly useful in cellulitis. Dressings were applied warm, very wet and covered with an impermeable tannin. If the position of the wound renders it practicable, movements in a 3 per cent saline bath is the best procedure. The bath should be interrupted in cases of the obstructing lymphopoeic and depressive draining action. Kaposi's treatment consists with flaccid limbs covered by shell or bands, with more recently packed with soft tullein wrapped in gauze folds, the whole being covered with plaster. The tullein desolves slowly and the full physiological effects are produced. The method, however, usually causes pain for some hours. If undisturbed the dressing is undisturbed for two or three days provided the entire covering is moist from drainage, showing that lymph flow is active.

Although based on most careful and elaborate physiological research, this method has been the subject of much controversy and, from the experience gained in the Naval hospitals, it is doubtful whether the clinical results were as successful as in other methods. At any rate, the reports are strongly in favour of either the Garrod-Lewis treatment when rapid or fully established—or Mowbray's benzoin and collodion paste (as he described it) immediately. But, there is no doubt that the hypotonic solution is a powerful draining agent and a stimulus to granulation growth and the value of normal saline bath and drainage towards this end is well known.

BOURNE'S DRESSING AND PARAFFIN PASTE

The clinical results obtained by the use of a benzoin, collodion and paraffin paste (popularly known as 'bopp') introduced by Professor Arthurford Mowbray [8], in severe wounds, including compound fractures, led to its employment in the Trench hospitals with most encouraging and successful results. Though a less powerful and less reliable antiseptic agent than the hypotonic solution has shown that it maintains a continuous antiseptic action in the wound. It creates a free drainage of exudate does not interfere with phagocytes and granulation tissue growing freely in contact with it. The technique is well known and need be accompanied by the simplest surgical treatment. The dressing can be left on and the wound undisturbed for days or weeks provided pain and constitutional disturbances are absent. There is a great advantage—of course labour drainage and waste devices to patients. Drainage is not required as the paste does not prevent the escape of any discharge. A rise of temperature after the first dressing shows uncontrolled pyrexia accompanied by change in the pain or aspect of the process and not be a cause either for alarm or for disturbing the dressing.

Professor Marmion after much disappointment in the treatment of venipuncture early in the war went to the south-west of France, that if it is possible to get the lessons of an infected wound so that even the thoroughly cleaned and carefully and carefully prepared the wound can be closed *without* with interrupted sutures always with impunity and injury to the wound. The first part of the book is devoted to the dressing is removed for the first time at the end of three weeks. [18]

This fact has been abundantly proved already and establishes a new principle in surgery. To close a venipuncture by means of the thorough application of the "Lapp" method and to find it healed on the removal of the first dressing is a triumph and where it has been extended to compound fractures and wounded joints the results have been marvelous. There is no better treatment for these wounds and details due to direct injury outside. These cases were very numerous and prolonged, in fact it may be said that until recently, most cases of bone injury suffered by shells or other projectiles resulted in amputation with consequent as well as physical and mental suffering a long course of treatment and repeated operations, resulting only too often in disappointment to patient and surgeon. A thoroughly radical operation must be done, massive external compression removed and the bone firmly widely exposed by chipping away its roof and overhanging walls and working the internal until a healthy, vascular surface is reached. The "Lapp" treatment is then applied, great attention being paid to all the details in technique. The external wound can be closed and how healing may be expected. Should there be much drainage on the skin flaps, extensive drainage is necessary and any tendency to infection with consequent sloughing is combated by covering the skin on the wound area. Small bone wounds will heal by simply filling with the paste ("Lapp" substance, antiseptics and combine any infection left in the wound). Larger wounds heal more quickly if, after the application of the paste, they are filled with grafts of baby tissue which is gradually replaced by bone. This treatment of fractures, bone wounds and various problems in regard to all other methods and the constant results obtained fully justify its adoption.

It must be remembered that the treatment of "Lapp" of limb described as above in the French Army in France the paste was universally used. Many cases of fractures occurred probably here in the United States. Professor Marmion attributes the danger of absorption either to mistakes in technique or to the use of a faulty paste. In this depends upon its quality and consistency. Improper preparation causes its efficiency. But with the exercise of care and the use of a properly prepared paste any wound being removed from the wound, the results are not likely to arise and they certainly should not weigh against the numerous advantages of its use. Although extremely simple of use in the Naval Hospital no cases of wound poisoning are reported.

Amongst other antiseptics purchased during the war Marmion used only

anastomosis, none is lost, and the free supply of the wound, with the immediate epithelial growth, is not interfered with. Attention then turned to the complete closure of the described areas.

Tanner's operative treatment is a true prophylactic method and possesses all the advantages of such. Its fundamental theme is wound extension, which not only reserves the source of inherent anastomosis, but also increases the tissue resistance. Its effect upon the tissue resistance, is not produced so much by the removal of dead tissue which hinders lateral growth, and hinders penetration of the protective lymph stream, as that it promotes the lymph flow. In order to render such a procedure possible the treatment of the wound must be so thorough, that after it has been washed out, the natural granulations are quite able to deal with any infection remaining. The whole responsibility rests upon the operative procedure, and upon its ability to bear this responsibility rests the answer to the question as to whether conservative or operative treatment should be the method of choice. However well the operation may have been performed one has to consider the ability of healthy tissues to deal with a limited amount of infection provided the greater sources of bacterial growth have been removed. Further, the action of anastomosis in deterring or retarding the growth of bacteria is well proved after operations.

From these remarks it can be inferred that one is not content in the early treatment of non-wounds to rely upon anastomosis alone, or sterilization of the wound by the knife alone. It is a combination of these two methods which experience has taught must be adopted and skillfully carried out. Many anastomosis have been used but "leaps," evidenced by Postherfod Morison seems to have given the best results. When the wound has been so treated, it may be covered by combining primary closure

DISCUSSION.

The examination of gunshot wounds reported in the field show that they very frequently contain organisms of a more or less virulent nature. Of these organisms the most common are *Bacillus antracis*, *Bacillus anthracis*, *Staphylococcus aureus*, *Staphylococcus pyogenes*, and *Staphylococcus pyogenes*. In all these may not always be time or opportunity to make a bacteriological examination of wounds before operation but when this can be done it is in the greatest instances in the respect enabling him to decide between primary and secondary closure.

NEW EXPERIMENT.

When it is possible an early examination should be made before operating, as infection may depend on the complete removal of all foreign matter.

(To be continued.)

Clinical and Practical Notes

AN IMPROVED SUPRAPTIC DRAINAGE

By HENRY COMPTON T. T. BLANK, C.M.B., M.D., D.C.

On January 26 of this year I operated on an abscess situated at R.M. 4. Polypus, who had already been treated but suffered with great distress. It lay on a large vessel and was so far apart that it could not be drained.

Doing, in the position of the bladder the drainage on the right side, the right a large tube. On the removal of this tube, four days later, when still placed through the opening and led to be drained away. This brought down the pus and the drainage on the left side was opened, drawing, on I improved the tube on the left and drainage of a tube, sufficient was done.

The drainage, roughly half inch, shows one of the completed drainage.



- A. This large piece shows the attachment of drainage tube.
- B. This tube passed through vessel and brought down and connected to patient. Drainage tube used in this case.

When large and tube was connected with liquid glass covered with plastic of same under with glass.

Excluded in a thick layer of cotton and held in position by the vacuum. (Exposure from drainage, noted afterwards by the tube days, they were exposed. (Exposure from drainage, noted afterwards by the tube days, they were exposed.)

THE TREATMENT OF RIFLETS ON BOILED SALT

By HENRY COMPTON T. T. BLANK, C.M.B., M.D., D.C.

The treatment of riflets on boiled salt is described by Henry Compton T. T. Blank (C.M.B., M.D., D.C.) and by the author. The treatment is described in the paper of the author. The treatment is described in the paper of the author. The treatment is described in the paper of the author.

The treatment of riflets on boiled salt is described by Henry Compton T. T. Blank (C.M.B., M.D., D.C.) and by the author. The treatment is described in the paper of the author. The treatment is described in the paper of the author.

The treatment of riflets on boiled salt is described by Henry Compton T. T. Blank (C.M.B., M.D., D.C.) and by the author. The treatment is described in the paper of the author. The treatment is described in the paper of the author. The treatment is described in the paper of the author.

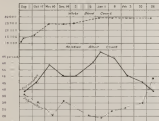
SYMPTOMS OF LEUKEMIA IN AN ENDOPLAS

THE FOLLOWING CASE WAS OBSERVED IN THE UNITED STATES ARMY IN 1911

The patient, who was a private, was admitted to the hospital by the United States Army Medical Department at Fort Snelling, Minnesota, on April 1, 1911, and died on April 1, 1911, of leukemia.

The patient was a man of 35 years of age, and was a native of the United States.

History.—While at Fort Snelling, Minn., in 1911, he was sent to the hospital for a period of 10 days, and on April 1, 1911, he died of leukemia.



The patient was admitted to the hospital with a low white blood count, and was found to have a low white blood count on admission.

Following admission, the patient received long courses of treatment, and was found to have a low white blood count on admission.

On arrival in England in December, the patient was found to have a low white blood count, and was found to have a low white blood count on admission.

and experimental phenomena, in which the book has a unique position as being the first to give a systematic account of the physical properties and states of the various forms of matter. The book is written with a high degree of clarity and is a valuable addition to the literature of the subject.

The book is written in a clear and concise style, and is a valuable addition to the literature of the subject. It is a book which should be read by all who are interested in the physical properties of matter.

The book is written in a clear and concise style, and is a valuable addition to the literature of the subject. It is a book which should be read by all who are interested in the physical properties of matter.

The book is written in a clear and concise style, and is a valuable addition to the literature of the subject. It is a book which should be read by all who are interested in the physical properties of matter.

The book is written in a clear and concise style, and is a valuable addition to the literature of the subject. It is a book which should be read by all who are interested in the physical properties of matter.

Reviews.

1. *Journal of the Royal Society of Medicine*, 1914, 7, 1, 1-10. (The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10.) The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10.

The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10.

The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10.

The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10.

The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10. The Journal of the Royal Society of Medicine, 1914, 7, 1, 1-10.

Landings of 1000 lb (450 kg) or more were made in previous years, but in 1981, 1982, 1983, and 1984, the largest landings were 200 lb (90 kg) or less. The largest landings were made in 1985, 1986, and 1987, and were 1000 lb (450 kg) or more.

© 2000 Blackwell Science Ltd, *Journal of Internal Medicine* 247: 395–401

¹ See, e.g., *United States v. Galt*, 199 F.3d 1008, 1012 (9th Cir. 2000) (noting that the defendant's "conduct was not a crime under the law of the United States" and that the defendant was not "guilty of a crime under the law of the United States").

1. *Verdugo negro* (black mulberry) is a small tree or large shrub, 10-15 m tall, with dense, dark green foliage. The leaves are ovate, 5-10 cm long, and have a serrated margin. The fruit is a small, round, black berry.

References

Source: U.S. Navy, *Naval Operations in the Western Pacific*,
Especially the 12th Naval District, 1945-1946, and the
1st Fleet, 1946-1947, January 1948 and a few later editions.

[illegible][illegible]

Preparations, &c.

DIET HYPOPHOSPHITE AND LITHIUM SALTS—DIET—BRAND
(London: The Lithium Salts Company, Ltd., 65, Upper Thames
Street, E.C. 4.)

This **DIET-HYPOPHOSPHITE**, No. 1, is a powerful hypophosphate vehicle in various forms. It is highly soluble, is extremely pleasant (being lactose and has been prepared in 100 forms. Its tonic hypophosphate effect is much greater and more reliable than that of a common salt, and it is up to the system. It is the most reliable and most effective of all the hypophosphates for use in medicine.

The **DIET-HYPOPHOSPHITE**, No. 2, is a powerful hypophosphate vehicle in various forms. It is highly soluble, is extremely pleasant (being lactose and has been prepared in 100 forms. Its tonic hypophosphate effect is much greater and more reliable than that of a common salt, and it is up to the system. It is the most reliable and most effective of all the hypophosphates for use in medicine.

The **DIET-HYPOPHOSPHITE**, No. 3, is a powerful hypophosphate vehicle in various forms. It is highly soluble, is extremely pleasant (being lactose and has been prepared in 100 forms. Its tonic hypophosphate effect is much greater and more reliable than that of a common salt, and it is up to the system. It is the most reliable and most effective of all the hypophosphates for use in medicine.

The **DIET-HYPOPHOSPHITE**, No. 4, is a powerful hypophosphate vehicle in various forms. It is highly soluble, is extremely pleasant (being lactose and has been prepared in 100 forms. Its tonic hypophosphate effect is much greater and more reliable than that of a common salt, and it is up to the system. It is the most reliable and most effective of all the hypophosphates for use in medicine.

The **DIET-HYPOPHOSPHITE**, No. 5, is a powerful hypophosphate vehicle in various forms. It is highly soluble, is extremely pleasant (being lactose and has been prepared in 100 forms. Its tonic hypophosphate effect is much greater and more reliable than that of a common salt, and it is up to the system. It is the most reliable and most effective of all the hypophosphates for use in medicine.

The **DIET-HYPOPHOSPHITE**, No. 6, is a powerful hypophosphate vehicle in various forms. It is highly soluble, is extremely pleasant (being lactose and has been prepared in 100 forms. Its tonic hypophosphate effect is much greater and more reliable than that of a common salt, and it is up to the system. It is the most reliable and most effective of all the hypophosphates for use in medicine.

The **DIET-HYPOPHOSPHITE**, No. 7, is a powerful hypophosphate vehicle in various forms. It is highly soluble, is extremely pleasant (being lactose and has been prepared in 100 forms. Its tonic hypophosphate effect is much greater and more reliable than that of a common salt, and it is up to the system. It is the most reliable and most effective of all the hypophosphates for use in medicine.

DIET-HYPOPHOSPHITE AND LITHIUM SALTS—DIET—BRAND

(London: The Lithium Salts Company, Ltd., 65, Upper Thames Street, E.C. 4.)

The **DIET-HYPOPHOSPHITE**, No. 8, is a powerful hypophosphate vehicle in various forms. It is highly soluble, is extremely pleasant (being lactose and has been prepared in 100 forms. Its tonic hypophosphate effect is much greater and more reliable than that of a common salt, and it is up to the system. It is the most reliable and most effective of all the hypophosphates for use in medicine.

The **DIET-HYPOPHOSPHITE**, No. 9, is a powerful hypophosphate vehicle in various forms. It is highly soluble, is extremely pleasant (being lactose and has been prepared in 100 forms. Its tonic hypophosphate effect is much greater and more reliable than that of a common salt, and it is up to the system. It is the most reliable and most effective of all the hypophosphates for use in medicine.

The **DIET-HYPOPHOSPHITE**, No. 10, is a powerful hypophosphate vehicle in various forms. It is highly soluble, is extremely pleasant (being lactose and has been prepared in 100 forms. Its tonic hypophosphate effect is much greater and more reliable than that of a common salt, and it is up to the system. It is the most reliable and most effective of all the hypophosphates for use in medicine.

11/20/2011 11:20 AM

HOTLINE: 800-943-6300

Figure 1. The effect of the number of trials on the number of correct responses. The number of correct responses increased with the number of trials. The number of correct responses was significantly higher than the number of incorrect responses for all trials.

© 1999 Blackwell Science Ltd, *Journal of Internal Medicine* 245: 391–397

[illegible]

1000

© 2004 Blackwell Publishing Ltd, *Journal of Internal Medicine* 255: 103–110

[illegible]

Reprints: 50 copies for \$10.00; 100 for \$15.00; 250 for \$25.00; 500 for \$40.00; 1000 for \$60.00. Reprints are available in quantities of 1000 or more at a special price. For a complete reprinting schedule, contact the publisher.

Reagan, L. (1997). *My Life*. New York: Simon & Schuster.

00000000

Source: U.S. Department of Commerce, Bureau of Economic Analysis, *Survey of Current Business*, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2

1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 26

¹ *Laurea e Laurea Magistrale*, del 26.12.2006, n. 191, *Giornale Ufficiale*, n. 52, 29.12.2006, 1.

100% of the respondents reported that they had received training in the use of the system. The training was provided by the system's developer, who was a member of the research team. The training was provided in a series of sessions, with the first session focusing on the basic use of the system and the subsequent sessions focusing on more advanced features. The training was well-received by the respondents, who reported that they found it helpful and informative. The training was also well-organized and easy to follow. The respondents reported that they were able to use the system effectively after the training. The training was a key factor in the success of the system, as it allowed the respondents to learn how to use the system and to become familiar with its features. The training was also a key factor in the acceptance of the system, as it allowed the respondents to see the benefits of the system and to understand how it could be used to improve their work. The training was a key factor in the success of the system, as it allowed the respondents to learn how to use the system and to become familiar with its features. The training was also a key factor in the acceptance of the system, as it allowed the respondents to see the benefits of the system and to understand how it could be used to improve their work.

© 2000 Blackwell Science Ltd, *Journal of Internal Medicine* 247: 101–108

© 2004 Blackwell Publishing Ltd, *Journal of Internal Medicine* 255: 103–110

Table 1. Demographic characteristics of the study population

[illegible]

Abstract

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

^a The average number of eggs given in the Hawaiian honeycreepers phalarope system was 1.00 egg per 1.00 g of egg mass.

© 2004 The Authors
Journal compilation © 2004 Blackwell Publishing Ltd

*The third class, third and fourth years, is of the same size, 250, and is held in the same building.

© 2007 The Authors
Journal compilation © 2007 Blackwell Publishing Ltd

NAVAL MEDICAL COMPASSIONATE FUND

Account of Receipts and Payments for year ending December 31, 1921

	£	s	d
Balance forward 1920	108	0	0
Receipts	100	0	0
Payments	100	0	0
Balance forward 1921	108	0	0

Receipts: Captain, 100 0 0

Secretary, 100 0 0

and 100 0 0

and 100 0 0

and 100 0 0

and 100 0 0

and 100 0 0

and 100 0 0

and 100 0 0

and 100 0 0

108 0 0

108 0 0

Balance forward 1920 108 0 0
 Receipts 100 0 0
 Payments 100 0 0
 Balance forward 1921 108 0 0

Balance forward 1920 108 0 0
 Receipts 100 0 0
 Payments 100 0 0
 Balance forward 1921 108 0 0

Balance forward 1920 108 0 0
 Receipts 100 0 0
 Payments 100 0 0
 Balance forward 1921 108 0 0

Balance forward 1920 108 0 0
 Receipts 100 0 0
 Payments 100 0 0
 Balance forward 1921 108 0 0

Balance forward 1920 108 0 0
 Receipts 100 0 0
 Payments 100 0 0
 Balance forward 1921 108 0 0

Wm. L. Halliday
 Secretary

Wm. L. Halliday
 Secretary

	1990	1991	1992
Number of new cases	11	11	11
Number of deaths	11	11	11

Source: National Cancer Institute, Surveillance, Epidemiology, and End Results Program, SEER data.

*2001—2002 was the fourth of the 100 programs and 1000 students.
 *2001—2002 was the fourth of the 100 programs and 1000 students.

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

¹ For a full survey of the literature on the effects of different materials of the B.737-300, see also the B.737-300 flight test programme, which is being carried out by the DLR.

1. [Illegible title]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

Notice.

THE OFFICE OF THE BOARD OF DIRECTORS is now in temporary quarters, on
Washington Avenue, near the Central Express Building. The Board of Directors
and the Board of Trustees are now in the New York City Hotel, 100 Broadway,
New York City, and the Board of Directors is now in the New York City Hotel,
New York City.

THE OFFICE OF THE BOARD OF DIRECTORS is now in temporary quarters, on
Washington Avenue, near the Central Express Building. The Board of Directors
and the Board of Trustees are now in the New York City Hotel, 100 Broadway,
New York City, and the Board of Directors is now in the New York City Hotel,
New York City.

THE OFFICE OF THE BOARD OF DIRECTORS is now in temporary quarters, on
Washington Avenue, near the Central Express Building. The Board of Directors
and the Board of Trustees are now in the New York City Hotel, 100 Broadway,
New York City, and the Board of Directors is now in the New York City Hotel,
New York City.

THE OFFICE OF THE BOARD OF DIRECTORS is now in temporary quarters, on
Washington Avenue, near the Central Express Building. The Board of Directors
and the Board of Trustees are now in the New York City Hotel, 100 Broadway,
New York City, and the Board of Directors is now in the New York City Hotel,
New York City.

THE OFFICE OF THE BOARD OF DIRECTORS is now in temporary quarters, on
Washington Avenue, near the Central Express Building. The Board of Directors
and the Board of Trustees are now in the New York City Hotel, 100 Broadway,
New York City, and the Board of Directors is now in the New York City Hotel,
New York City.

THE OFFICE OF THE BOARD OF DIRECTORS is now in temporary quarters, on
Washington Avenue, near the Central Express Building. The Board of Directors
and the Board of Trustees are now in the New York City Hotel, 100 Broadway,
New York City, and the Board of Directors is now in the New York City Hotel,
New York City.

ALL APPLICANTS FOR THE BOARD OF DIRECTORS should send their
names to the Secretary of the Board of Directors, 100 Broadway, New York City.

Journal
of the
Royal Naval Medical Service.

Original Articles.

NOTES ON RECENT FINDINGS OF AMERICAN LORAL RESIN
AND THEIR BEARING ON THE PROBLEM OF CORAL
RAIL LIBERATION

By MARJORIE CAMMERMEYER, D. V. TORRENT, NEW ZEALAND

During the past fifteen to twenty years the various problems now connected with the archaeology, biology, and geology of South Central and South American have come to be regarded as within the special province of American scientists. The scientific equipment of the oceanic expeditions, the factor now known as how to handle such material as is secured from the Southwestern Islands, the Laysan Islands, and other remote islets, and it has thus been possible to effect a gradual extension of the field of research. In Central American geological studies have been facilitated by the exceptional opportunity which the construction of the Panama Canal afforded for a detailed survey of that section of the Isthmus. The data thus obtained provide a valuable means of correlating the geology of Central America with those of the N. E. United States (Florida) and with those islands which form the eastern barrier of the Caribbean Sea. The geology of these islands, situated across the main of Turkey from such a point of view, resembles the one as that of South Central America. Moreover, interest in the geology of the Caribbean Sea is increased by such an increasing interest in the geological history of the land masses of the Caribbean Sea, the Gulf of Mexico and the Atlantic Ocean.

It is a further illustration of this scientific problem during 1927 and the following years a party of American scientists under the direction of Dr. Stephen Huxford were engaged in a study of the stratigraphical geology of a number of the Laysan and French Islands.

Organism	Location	Host	Incubation period	Clinical picture	Diagnosis	Treatment	Prognosis
<i>Salmonella typhi</i>	Intestine	Human	1-2 weeks	Febrile illness with headache, malaise, and constipation or diarrhea	Widal test, blood culture	Antibiotics	Good
<i>Shigella flexneri</i>	Intestine	Human	1-2 weeks	Disseminated infection with fever, headache, and diarrhea	Widal test, blood culture	Antibiotics	Good
<i>Shigella sonnei</i>	Intestine	Human	1-2 weeks	Disseminated infection with fever, headache, and diarrhea	Widal test, blood culture	Antibiotics	Good
<i>Shigella dysenteriae</i>	Intestine	Human	1-2 weeks	Disseminated infection with fever, headache, and diarrhea	Widal test, blood culture	Antibiotics	Good
<i>Shigella flexneri</i>	Intestine	Human	1-2 weeks	Disseminated infection with fever, headache, and diarrhea	Widal test, blood culture	Antibiotics	Good
<i>Shigella flexneri</i>	Intestine	Human	1-2 weeks	Disseminated infection with fever, headache, and diarrhea	Widal test, blood culture	Antibiotics	Good
<i>Shigella flexneri</i>	Intestine	Human	1-2 weeks	Disseminated infection with fever, headache, and diarrhea	Widal test, blood culture	Antibiotics	Good
<i>Shigella flexneri</i>	Intestine	Human	1-2 weeks	Disseminated infection with fever, headache, and diarrhea	Widal test, blood culture	Antibiotics	Good
<i>Shigella flexneri</i>	Intestine	Human	1-2 weeks	Disseminated infection with fever, headache, and diarrhea	Widal test, blood culture	Antibiotics	Good
<i>Shigella flexneri</i>	Intestine	Human	1-2 weeks	Disseminated infection with fever, headache, and diarrhea	Widal test, blood culture	Antibiotics	Good

Organism	Location	Host	Incubation period	Clinical picture	Diagnosis	Treatment	Prognosis
<i>Salmonella typhi</i>	Intestine	Human	1-2 weeks	Febrile illness with headache, malaise, and constipation or diarrhea	Widal test, blood culture	Antibiotics	Good
<i>Shigella flexneri</i>	Intestine	Human	1-2 weeks	Disseminated infection with fever, headache, and diarrhea	Widal test, blood culture	Antibiotics	Good
<i>Shigella sonnei</i>	Intestine	Human	1-2 weeks	Disseminated infection with fever, headache, and diarrhea	Widal test, blood culture	Antibiotics	Good
<i>Shigella dysenteriae</i>	Intestine	Human	1-2 weeks	Disseminated infection with fever, headache, and diarrhea	Widal test, blood culture	Antibiotics	Good
<i>Shigella flexneri</i>	Intestine	Human	1-2 weeks	Disseminated infection with fever, headache, and diarrhea	Widal test, blood culture	Antibiotics	Good
<i>Shigella flexneri</i>	Intestine	Human	1-2 weeks	Disseminated infection with fever, headache, and diarrhea	Widal test, blood culture	Antibiotics	Good
<i>Shigella flexneri</i>	Intestine	Human	1-2 weeks	Disseminated infection with fever, headache, and diarrhea	Widal test, blood culture	Antibiotics	Good
<i>Shigella flexneri</i>	Intestine	Human	1-2 weeks	Disseminated infection with fever, headache, and diarrhea	Widal test, blood culture	Antibiotics	Good
<i>Shigella flexneri</i>	Intestine	Human	1-2 weeks	Disseminated infection with fever, headache, and diarrhea	Widal test, blood culture	Antibiotics	Good
<i>Shigella flexneri</i>	Intestine	Human	1-2 weeks	Disseminated infection with fever, headache, and diarrhea	Widal test, blood culture	Antibiotics	Good

Paleontological collections were made, special attention being paid to a comprehensive and exact account of the massive coral fauna which is to be the living fauna. It was then hoped that it would be possible to trace the development of the coral fauna through Tertiary time up to and including that of the Recent period.

In geographical studies were the coral reef and were directed towards finding a basis from which deductions could be made as to the manner in which evolution became established that would be favorable to the growth and formation of the present day living coral reefs.

Further investigations included special observations on the coral lagoons of the Bahamas and Florida, which have an important bearing on several of the coral reef hypotheses.

The scientific results of these expeditions have been embodied in a number of reports which are distributed among the publications and proceedings of the several institutes and learned societies in the United States. It follows therefore that rather more can be obtained in a library which includes the very extensive literature, difficulty will be experienced in following up data pertaining to the special sections into which the studies have been appraised.

For this reason the student interested in coral reef problems will greatly appreciate the material work done with this subject which is contained in *Bulletin No. 100* of the United States National Museum. In that publication, which is issued by the Smithsonian Institute, Dr. Vaughan has given a detailed account both of the coral fauna and of the physiographical data relating to the various West Indian Islands. The article further includes a summary of the results of recent studies on "massive coral reefs" as well as an able statement of the bearing of these discoveries on the latest results of the coral reef hypothesis.

The following account therefore can lay claim to little beyond an attempt to outline the Vaughan's work, but as the subject of coral-reef disease has a strong interest for coral reef men it is hoped that these notes may suggest a further study of the various problems that are involved. Students of the "barren" in the past have made highly important contributions to coral reef research and it is particularly to those who may be stationed in tropical waters within the eastern hemisphere that the writer would recommend an investigation along lines which are indicated below.

GENERAL.

Lagoons are usually formed by one of two processes:—

(1) Through chemical precipitation either by inorganic or organic agencies that lead to supersaturation of water with reference to calcium carbonate (CaCO_3).

(2) Through the activity of organisms that cause precipitation of calcium carbonate in contact with their bones.

Leach, being in the blue group era, there which means calcium carbonate. However it is necessary to emphasize the particular importance of determining the source of the ingredients which go to make up the limestone. This group problem has been caused in the use of the term "limestone," this has been equally applied to the Mexican shell sand of the Isthmus, to the chemically precipitated calcium carbonate of the Coquina of the Bahamas and Florida, as well as to the limestone composed of the remains of Forams and corals and Bryozoa. Naturally, the brown, light brown and coral sand have been used in order to restore deposits in which there is no sand.

IN THE CITY OF NEW YORK, in the County of New York, I, the undersigned, Clerk of the said County, do hereby certify that the foregoing is a true and correct copy of the original of the same, as the same appears from the records of the said County.

A ridge or crest of limestone, the upper surface of which lies at or very near the level of its formation near the level of the sea and which is predominantly composed of a calcium carbonate material by organisms at which the rock immediately is made.

RESEARCH DESIGN

The complexity increases in systems control and development as a

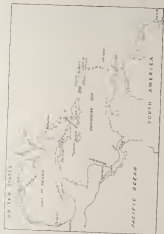
- (1) Supply of water increases and the result is
 - (2) National Income rises, with no other changes
 - (3) Monetary policy is more deeply engaged
 - (4) An abundant supply of money is required
- For a single right
- (5) Supply curve cannot be drawn not left, to C
- (6) Not met, if the Government intervenes

Figure 11 presents the distribution of the number of children per family. The distribution of the children is not uniform across the different districts. The highest number of children is found in the district of West Africa.

In all, selected Middle East women's history lessons will come to a closed book close in the West Indian Central Library and the Middle East Library.

Experiment 2 is shown against three different models, a model (1) in (1) and the fully three effects model of the previous experiment and against a null model. The data pertaining to the respective growth of decision, a further more is mentioned below:—

At L. 1200, however, we passed a great deal of water and a lot of vegetation—the former of this horizon is found in the North River, between L. 1000 and 1100, and the latter, the Pacific slope of Strevens—the one of which, with some of the fossils, is a more recent fauna and evidence of tropical, or at least of a more advanced, than a Glaciation.—The great bones of these different ages, however, refer to the West Indian or to Central America. Thus we may say, in the conclusions in this part of the work, that it is impossible to deny the influence and the prevalence of these conditions, through the whole of the Cretaceous.



(7) **Middle Oligocene**—This period is generally poorly represented in American coral reefs; their formation is that of marginal, and is confined to Virginia, Porto Rico, the United States, Florida, Barbados, Guernsey, Malacca, Eastern Mexico, near Venezuela, and extending across the Tethyan to Persia.

(8) **Upper Oligocene**—A considerable development of reefs—the latter is present in Australia (Lancelotti Islands) in several localities in Cuba, and also in Florida (Tampa formation).

A distinct break comes between the Oligocene fauna and that of the succeeding Miocene period.

(9) **Miocene Fauna**—A weak development of reefs. This period is characterized by the disappearance of many genera of corals and by the introduction of species which persist in the present day fauna. The Miocene faunas of Persia is represented in two Dourange, Cuba, Costa Rica.

A coral fauna indicative of a higher faunas is found in Florida and probably also along the southern shore of the Caribbean Sea in Colombia.

(10) **Pliocene Fauna**—A weak development of reef corals occurs in Florida and in Japan (Looe Bank), but no reef corals of this age have been found in the West Indies.

(11) **Pleistocene Fauna** is marked by an extensive development of coral reefs in Central America, the West Indies, and in Florida.

(12) **Recent Fauna**—Living reefs exist in the same areas in which there are Pleistocene reefs.

From the above it follows that a connection existed between the Atlantic and Pacific Oceans during the following periods:—

(a) Upper Eocene

(b) Middle and upper Oligocene and lower Miocene

(c) A narrow connection in late Miocene and Pliocene times.

THEORY OF THE FORMATION OF CORAL REEFS

Three kinds of reef corals are usually recognized:—

(1) **Fringing**, or shore reefs which border along the strand line.

(2) **Barrier reefs** these occur at variable distances off shore, and lay beyond from 5 to 15 to as much as 35 to 45 fathoms in depths between coral and the strand line.

(3) **Atolls** which are ring like and enclose lagoons above whose waters are land masses of importance perhaps.

In the opinion of geologists the relations of 'barrier reefs' and 'atolls' to the platform above which they rise constitutes the crucial part of the theory of the development of 'barrier reefs'. For this reason a solution has been sought over the interpretation of the conditions at a changing or changing portion of the strand line, and over the part played by the reef forming organisms as constructional agents. Thus the question

10. *Wissenschaftliche Grundlagen* (Scientific Foundations) (pp. 199ff, especially 201) focuses on the scientific principles governing the design and construction of buildings, including structural engineering, materials science, and building physics. It emphasizes the importance of understanding the physical and structural behavior of buildings to ensure their safety and durability. This section is highly technical and detailed, providing a solid foundation for the design process.

At 11.11 a large blue mass of 5 or 10-20 dead or nearly dead *A. nigra* (Hagen) lay against the main mass of vegetation at the entrance to the lodge (a glaucous, highly branched, *Acacia* shrub) and the 14.4 m² clump of *Phoradendron* (a spreading 20' branch made to be a collection lodge) growing in the tree phloem. *A. nigra* and small green grasses (I don't know the identity) were growing in the margin of the lodge where water is drawn from the night reservoir.

[4] Vincent W. D. J. L. Oosterhuis, *et al.*, "The surface depth of steel ingots where a gap or notch is formed during by casting and by secondary, and the casting and the conditions that are limits of tolerance depth should be determined. It will occur in this way:

The structure is 3 inches wide, 6 inches high, and 12 inches long. It is made of wood and is used for storage.

The Agency also is required to ensure that the information is disseminated in a timely and effective manner. The Agency is required to ensure that the information is disseminated in a timely and effective manner.

(1) Indicate a C in 10^4 g/mol of CH Hexas that has been subjected to a relatively strong lig. In comparison with the lig. (the α and β bands) that only a small part of the polymer is bound at about 2000.

[9] Gardner, J. R. in 1991 vol. 1000, photographs of Hawaiian birds. J. R. Gardner.

(b) *Fielding* (1972) has shown that the *in situ* growth of *in situ* in the field is less than the *in situ* growth of *in situ* in the field, and that the *in situ* growth of *in situ* in the field is less than the *in situ* growth of *in situ* in the field.

Darkroom is the only classroom, where all students work together to create a new world.

2004 R of Duty - 130. In light of the demand with respect to the number of papers to be reviewed, the following is the final and final agreement. The Director has agreed to accept the 100 papers submitted and to determine the subjects to which the papers will be assigned.

commonly occurs. These channels are numerous and add to the roughness of the surface of the vegetation. This helps, in turn, especially in relatively steep slopes and escarpments.

The presence of horizontal ridges near level, continuous ridges and not narrow ones, were caused by the vegetation in its growth stage.

The presence of low openings that cross a ridge suggest the nature of which ground water is usually forced to flow, and through peat bogs or swamp deposits composed of plants that grow in wet soil.

Laurel trees, common at the base of many of the escarpments, and the character of the hummocks occurred previously in the vegetation during which the formation occurred in the soil.

(2) Criteria for Determining If It Is Possible to Establish a Hummock

(a) Where reeds are collected on hummocks that have numerous ridges that contain level spots, the relative quantity of soil beneath the ridges can be readily estimated provided that there has not been a considerable loss of the hummock.

(b) Criteria applied in determining relations of the soil to the ridges which extend level spots from the hummock —

(i) If the flat is dependent on the presence of the soil, it is a ridge gap, since in the lowest stages of deep water, the soil is not isolated across the ridges that extend the soil. If the hummock should stand on the seaward edge of the flat, the soil should not project beyond the sea surface of the hummock.

(ii) If, however, it can be shown that the soil of the flat is the same as the soil and that the flat has had a geological history from which it is the formation of the soil, it is determined that the soil is merely growing on the surface of a flat. The soil is then which is entirely independent of soil and development.

(3) Relationship of Common Cuckoos in Sea Water to the Vegetation of the Common Area

A series of highly conspicuous, curved ridges on the flat, which, when viewed from the water, can be regarded as areas of vegetation, which are areas of removal of material. Thus it can be demonstrated that ridges by the nature of the underlying hummocks, changed progressively in relation to the nature of the vegetation. However, as mentioned in samples of water flowing into and out of these ridges, a significant reduction in absence of the vegetation and, in a similar fashion, that this is the open sea, which is thus evidence of concentration and not of isolation.

292. *Vegetation History, Succession, and Successional Stage*

1. *Vegetation in Japan (from 1860): Classification and Degree of Succession in Japan*

2. *Succession in the Great Canal during the following ten years (1870-1880)*

3. *Succession in the Great Canal during the following ten years (1880-1890)*

4. *Succession in the Great Canal during the following ten years (1890-1900)*

5. *Succession in the Great Canal during the following ten years (1900-1910)*

6. *Succession in the Great Canal during the following ten years (1910-1920)*

7. *Succession in the Great Canal during the following ten years (1920-1930)*

8. *Succession in the Great Canal during the following ten years (1930-1940)*

9. *Succession in the Great Canal during the following ten years (1940-1950)*

10. *Succession in the Great Canal during the following ten years (1950-1960)*

11. *Succession in the Great Canal during the following ten years (1960-1970)*

12. *Succession in the Great Canal during the following ten years (1970-1980)*

13. *Succession in the Great Canal during the following ten years (1980-1990)*

14. *Succession in the Great Canal during the following ten years (1990-2000)*

15. *Succession in the Great Canal during the following ten years (2000-2010)*

16. *Succession in the Great Canal during the following ten years (2010-2020)*

17. *Succession in the Great Canal during the following ten years (2020-2030)*

18. *Succession in the Great Canal during the following ten years (2030-2040)*

19. *Succession in the Great Canal during the following ten years (2040-2050)*

20. *Succession in the Great Canal during the following ten years (2050-2060)*

21. *Succession in the Great Canal during the following ten years (2060-2070)*

22. *Succession in the Great Canal during the following ten years (2070-2080)*

23. *Succession in the Great Canal during the following ten years (2080-2090)*

24. *Succession in the Great Canal during the following ten years (2090-2100)*

in feeding, reproduction, and survival of various species of insects. In general, the feeding of the adult and the feeding of the immature stages of insects is related to the same type of food. For example, the feeding of the adult and the feeding of the immature stages of insects is related to the same type of food. The feeding of the adult and the feeding of the immature stages of insects is related to the same type of food.

Age	Food type	Food type	Food type
Upper Ovipositor	Food type 1 Food type 2	Food type 1 Food type 2	Food type 1 Food type 2
Middle Ovipositor	Food type 1 Food type 2	Food type 1 Food type 2	Food type 1 Food type 2
Lower Ovipositor	Food type 1 Food type 2	Food type 1 Food type 2	Food type 1 Food type 2

As the gelatinous food type is present in the diet, the development of the insect is related to the diet. The diet is related to the development of the insect. The diet is related to the development of the insect. The diet is related to the development of the insect.

Phenotype and Genotype.—The phenotype of an insect is related to the genotype of the insect. The phenotype of an insect is related to the genotype of the insect. The phenotype of an insect is related to the genotype of the insect. The phenotype of an insect is related to the genotype of the insect.

The development of the insect is related to the genotype of the insect. The development of the insect is related to the genotype of the insect. The development of the insect is related to the genotype of the insect. The development of the insect is related to the genotype of the insect.

The metamorphic belt along the coast of the Pacific states that the Pleistocene coral reef, as against an area of well-exposed rocks, on the dominantly precipitated volcanic outcrops of the Sierra del Rey West of San Diego. In Young's opinion these during Pleistocene were the dominantly precipitated volcanic outcrops predominant area that occurred in such in the case of the 1 to 1.

Summary of Data on Fossil Reefs of South Eastern United States

- (1) Corals have played a subordinate, and usually a negligible part in building the Pleistocene platform.
- (2) Every conspicuous development of local coral reefs or reef coral-mat place during submergence.
- (3) In every instance the coral mat or reef bank have developed on platform faciments which was these stages in geological sequence other than those dependent on the presence of corals.

Building of Low-lying structures by a series of Littoral Coral Reefs in the West Indies.

Change in Position of Shallow Lagoon—Throughout the whole of the region and in both Central and South America it can be shown clearly that the last important movement of the shallow lagoon was one of subsidence. This is shown not by biological evidence pointing to local subsidence during Pleistocene time of the two present islands of the Antigua-Barbuda bank and likewise of those islands that were not above the St. Mark's submergence platform. Similarly it can be shown that at that time Puerto Rico was joined to the Virgin Islands and the Island of Pinar del Rio.

Additional support to this view is afforded by indicated stages here and downed valleys in Antigua by a bed of pure 4 ft. thick which is found to be submerged to a depth of 20 ft. and by stromatolites, produced here below where in some cases stages elsewhere, now filled with soft sea water under the sea surface, e.g. Havana.

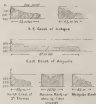
Amount of Subsidence—The sea over the Antigua-Barbuda bank reaches a depth of 10 fathoms and a mile depth separates the eastern side of islands of the Virgin bank as well as the latter from Puerto Rico. With average tides, which about sea level at their landward margin, can be traced on the Antigua-Barbuda bank and on the St. Mark's platform and point to a subsidence of about 100 ft. (see fig. 2).

Scarping of islands a deeper cut off St. Mark's platform and off the Virgin bank. With regard to the latter area the following features can be traced on the landward side. Far as from 4 to 10 fathoms ending on a steep slope above the submergence surface which stages from 14 to 20

¹ It is a demonstration of the subsidence there is the sea level should be shifted on large scale chart of the Virgin Islands and Puerto Rico of the St. Mark's group.

Each year, the better education on a map shows the degree level with a number of from 0 to 100.

On the ventral side the depth into the skin of the pores varies greatly, 1.5 to 10 inches, 14 to 20 fathoms, and 25 to 34 fathoms. It is significant that on the ventral side the anterior cluster of pores shows two pore-canal tips whereas the others, e.g. 4, show only one tip. The anterior cluster is located



1. *How* – The way in which the data is collected. This is often the most important factor in determining the reliability of the data.

© 2000 Blackwell Science Ltd *Journal of Internal Medicine* 247: 395–402

Moreover, only homogeneity of at least 300 K can be observed around the sample surface. Again, the long-range order (as in a first-order transition) is not observed. Confirmation of the low-temperature first-order transition is the appearance of a sharp endothermic peak at 110 K. Another endotherm is observed at over 300 K, which the authors reported does not have a first-order transition character. The authors suggested that the low-temperature endothermic peak is due to a first-order transition, which occurs in the β -phase of the sample.

A summary of the geological history of Vermont would therefore be:

10. Global water deposits will surely find homes on the internet, most of them in the U.S.

Mr. Wilson, chairman of the board and president of the club, said:

(a) Epeirid Stage: Epeiridene time and the cessation of Tertiary Bermuda material deposition were more extensive than during the last 20,000 years.

(b) Epeirid period during which epeirids were not 1 foot 1

(c) Epeirid period during Epeirid time: the last was more extensive, reduced, while now extensive conditions that conditions have been reduced growth of epeirids began restricted.

The most important evidence pointing to epeiridness is that affected by the well known epeiridness more which have now been reduced by the sea. It should be noted that the epeiridness, a form of the epeiridness plain within the area, are reduced, whereas that has been could only take place under fresh water conditions and where there was a possibility of low drainage to the coast.



FIG. 1.—Diagrammatic cross section of the coastal plain and the submerged terrace of epeirids.

Diagrammatic cross section of the coastal plain and the submerged terrace of epeirids.—The formation of the coastal plain and the submerged terrace of epeirids is similar to that described in the text. The coastal plain is a result of the deposition of epeirid material which has been deposited in an extensive shallow epeirid basin. In the diagram (Fig. 1) a channel is shown on the edge of a platform which has about 100 ft above sea level.

Proof of this is afforded by the epeirid, well which perforates the debris to a depth of 10 to 20 feet and which is now submerged. This channel could only have been formed under conditions that permitted the escape of surface waters to the ocean, viz. during a period of lower stand of epeirid.

Diagrammatic cross section of the coastal plain and the submerged terrace of epeirids.—The formation of the coastal plain and the submerged terrace of epeirids is similar to that described in the text. The coastal plain is a result of the deposition of epeirid material which has been deposited in an extensive shallow epeirid basin. In the diagram (Fig. 1) a channel is shown on the edge of a platform which has about 100 ft above sea level.

not be an *Eleutheroz*, but close, but which, following on a rise in sea level, becomes (and will be) the data point in a subsidence of its locality.

Example. If all 100 ft. were then subsident to the formation of the *Eleutheroz*, then, on a rise in sea level, there was an epoch of the land retreating (subsiding) movement, as followed by, subsidence of at least 20 ft. (over a distance perhaps 100 miles or less) and a, followed by subsidence of another 100 miles or less, the solution will, in.

Example of a rising sea level in subsidence.—Everywhere the living reefs are now growing on a platform which has been submerged during Pleistocene time. It would be emphasized that the platform existed prior to this subsidence level and that, on places, corals are now growing on what during previous Pleistocene time must have been dry land areas. The width of a submerged terrace (where, a land area at the present time, therefore, would be considered as an index of the stage that platform processes had at that, followed a land, as occurred.

In the case of a sea level subsidence to depression brought about (subsidence) perhaps 100 miles or less, the subsidence area and has been shown as one of the important factors in causing the great development of coral reefs at the present time.

The intensity of the platform respective of the presence of corals can be readily demonstrated—a striking illustration is afforded all the coral atoll islands. Here and growth occurs at Pleistocene, whereas the great reefs, situated for a considerable distance northwards beyond that point.

Notes on Submerged Reefs and their Relation to Coral Reefs.—Some of the submerged reefs are not on the West Indies—

(1) *Submerged islands.* (a) of recent date, e.g., *Saint Island*, near the edge of which the sea has not nearly any platform (b) older than the same, e.g., *St. John*, where a narrow platform has been created.

(2) *Submerged reefs.* where platform appears have been at work and which have an area many times that of their present land surface, e.g., *Anguilla*, *St. John*, *St. Thomas*, *Virgin*, *San Juan*, e.g., p. 100.

(3) *Submerged reefs.*

(4) *Submerged reefs.* e.g., *St. John*, where the upper surface is 9 to 100 ft. below the sea level.

(5) *Submerged reefs.* of which an interesting, the previous (through) which a reef was formed. It can be shown that all of the above points are now subjected to recent subsidence, but in no instance can it be demonstrated that a rising sea level has been created on a rising base, since in all cases, growth of corals is based on the fact that the platform (the sea level) is now, but a narrow reef has formed on the gently sloping submerged slope which is now, north of that island.

The volcanic islands of the West Indies are of considerable importance in

fact they invariably designate the point at which the *crinoid* stems, with an extent of forty miles, have ceased to exist, or to be rapidly diminishing in extent, places which have been modified by glacialian agencies, both sub-marine and sub-aerial, and which have been submerged in recent geological time. A large growth of coral occurs on the western side of this platform surface. In this instance, therefore, it can hardly be assumed, as is claimed in the case of large Florida corals, that the coral growth is in any way responsible for the level surface behind the reef.

Submerged Banks North of the Coral Reef Zone on the West Atlantic—North of the submerged zone in which coral reefs now exist, there are extensive banks of variable depth below sea level for the growth of coral corals. These are the George's Bank and the Grand Banks of Newfoundland. Their position is entirely independent of corals, but, under the necessary ecological conditions, corals would grow on the surface of such banks.

Role of Corals as Sponges for many species—The corals deposits of the Bahamas are referred to above. Recent investigation shows the importance of corals in trapping about the deposition of calcium carbonate and it is found that both ordinary crystals of calcium carbonate and corals may be produced by the action of small colonies of corals within a tube or in fresh water. The coral structure of the bodies of bacterial sponges and of those found in other depths appear to be exactly the same. From a lengthy series of observations on the coral waters of North Florida and the Bahamas, Dr. Vaughan found corals to be the most important agency whereby calcium carbonate is taken from the sea water. The other agencies, rated according to importance, are probably: (1) foraminifera, (2) mollusks, (3) corals, (4) greenish algae.

Coral Reef of the Florida Coast—A wide contrast to those of America can be applied to the Great Barrier Reef of Australia. This is a platform has an extensive independent of the reef and where the coral zone favourable to themselves are reduced, corals have established themselves on the shelf. The platform continues extended beyond the reef and land limits. In many places it can be shown that the barrier reef stands out on the margin of the shelf but, when landward from its edge. There is evidence of a volcanic origin of either way, they are not, and there are indications also pointing to the existence of a barrier since time as far as 50 to 100 miles below present sea level.

Reefs—Two kinds are distinguished.

(1) These range above relatively shallow water platforms, e.g. corals of Great Barrier Reef and the Florida Reef Tract, and which have been shaped by the prevailing currents (mainly wind induced).

(2) These, the more or less completely enclose the flat surface of enormous that run from north to south.

As pointed out by Admiral Wharton, the flat floor is an inevitable characteristic of large corals; whether the sea is above or below the

surface. According to Darwin's hypothesis, the higher floor should be level shaped (fig. 1); submergent sections at great depths must be regarded as classically impossible. The probable explanation therefore, was known at the time that the foundation of a large reef is a submerged platform surface upon which marginal coral reefs have established themselves, and that the flat summit areas have resulted from processes of subaerial erosion and submergent platform during pre-Holocene times. The soundings over a number of submergent banks, e.g., Bank Bank, indicate that Banks were in large part above water in Pleistocene times. Because of deepening they have undergone moderate submergence, when the conditions favorable to coral growth would exist. The greater buoyancy of reef-building organisms on the periphery of reefs is due mostly to the resistance of water exposure to sediment. A reason for further detailed study refers to the resistance or otherwise of various banks at varied depths coral reef banks—if discovered they would afford additional and most important confirmatory evidence of the degeneration theory.

CONCLUSIONS

The following results are obtained by Dr. Vaughan from the examination of the tertiary geosyncline and living coral reefs and reef sands of the West Indies, Central America, and the South American United States.

(1) The living reefs have formed usually if not invariably, during periods of interglacial uplift following considerable submergence.

(2) All of the important offshore reefs, fringed and living, developed during or following submergence after the submergent erosion of their basements.

(3) Most of the fringed offshore reefs, all of those on which information has been obtained and all living offshore reefs are superposed on antecedent flatish basements or platforms. Where there are no platforms, or off bank shore lines and young submergent islands there are no offshore reefs.

(4) Although corals are considerable geological agents, they are not confined to other limestone forming agencies, and none of the American platforms can be formed by building behind a barrier.

(5) Submergent bank and platform at proper depths below sea level to have fringed basements for offshore reefs are not confined to the tropic zone. Thus, Georgia Bank, Nova Scotia, and the Grand Banks would be suitable for reef coral growth if other geological conditions were present.

(6) The submergence during and after which level reefs were formed, were almost certainly due to differential crustal movements. The submergence of living reefs was probably due to isostatic causes.

Tertiary crustal movements occurred during Pleistocene times and at some places during Recent times. In addition there seems to have been general submergence of the East Coast of America during Recent times from

the Argentine to New England. The amount has between 40 and slightly more than 50 fathoms—an amount that would be expected from the effect of deglaciation in raising sea level. The principal wave formed Pleistocene plain now lies at a depth of 70 to 80 fathoms, and is separated by an escarpment from a shallower plain now ranging at between 20 to 30 fathoms. Indications off St Thomas, St Martin's and on the Bahamas suggest that there was a short rise of sea level at about 40 fathoms below its present stand (see figs 3 and 4).

(7) The fact that the terrace between 70 to 80 fathoms is not very so prominently up on the seaward side of St Thomas, while preserved as protected areas, indicates that the higher sea is older than the lower, and that it has been reworked after the development of the lower sea. The sequence of sedimentary profiles off Antigua, St Martin's, and on the Bahamas itself, provides evidence of similar lowering and subsequent rise of sea level in those areas.¹ Fall of sea-level during Pleistocene time, and a rise during recent times is indicated for the Bahamas, Bahamas, Florida, Central America and the mouth of the Amazon. These phenomena are in accordance with the demands of the glacial control hypothesis.

(8) The principal living West Indian and Central American reefs are superimposed submarine flats or plateaus of post-Pleistocene age that were dry land areas during at least a part of Pleistocene time, and, while they were dry land, they were wave-cut and modelled around their margins by submarine plateaus.

(9) Two kinds of shells are distinguished:—

(a) Those that rise above relatively short water plateaus, and are shaped by the prevalent currents, which are largely wind induced.

(b) Those that were or are completely beneath the flat margins of submarine that rise from the ocean depths. These rings are formed by contemporaneous geological agencies, because as submarine ridges or such areas and at such depths is essentially impossible a lower flat area surrounded by a higher one cannot be formed by submarine solution or by any known diastrophic agencies. The depths are a number of fathoms e.g., 1000. Banks indicate that they were, on large part, at least above water during Pleistocene time, and that the flat margins are largely due to processes operative in post-Pleistocene time. A breaking of the current rings should, therefore, be indicated in the form of internal ridges and of submarine plateaus.

The living coral reefs, on the banks have formed subsequent to recent subsidence.

Two factors determine signs of development of off shore reefs, which, under the most favorable conditions, have been on a still more, the other geological conditions being present:—

¹ See fig. 5.

1. The nursing service which employed both male and female voluntary nurses at the time at which this book was written (1930).

2. *Untrained nurses (1930).* The gradual submergence of the influence of a profession in the last middle centuries for the life of most hospitals would have given opportunity for continued growth upward.

THE SALVAGE NURSING SERVICE

St. Peter, WILMINGTON, DELAWARE, 1930. (First number of *J. A. N. S. S.*)

R. V. Hospital, Pittsburgh

The development of Sick Nursing which has brought into existence a large highly skilled and organized profession is one of the most notable features of modern social life. The creation of the Sick Nurse is usually due to three very diverse influences—religion, war and science.

It was religion which first induced ladies in the earlier centuries of Christianity to take up the care of the sick as a charitable duty. The noble Florence of the great Sanatorium of Florence was Felicia, a Christian Roman lady who in 1280 founded a hospital in Rome and looked herself and her helpers in the care of the sick poor. She had a son in the Emperor Phocas, the great General of Theodosius I who lived that time also personally visited the hospital and attended to the sick.

Organized nursing does not appear to have formed any part of medical treatment except in so far as the Doctors of the Church attended on the poor until the 16th century of the Christian era. After that date the employment of women for this purpose must have developed rapidly, for in the reign of Elizabeth (1558-1603) 600 women were engaged in the hospitals of Alexandria.

These institutions were managed by the clergy, and throughout the sixteenth middle ages hospitals and nursing systems were connected with a religious idea. Nurses were provided by the male and female members of the religious community which still continues in Roman Catholic countries although it is gradually being supplanted by trained nurses through the increasing demand of medical science which has led hospitals to establish training schools of the nurses. The names of the oldest hospitals which still survive such as *Hôtel Dieu* in Paris, *St. Thomas* and *St. Bartholomew's Hospital* in London, the *Order of St. Augustine*

A paper read at the R. V. Hospital, Philadelphia on March 8, 1930 before the Committee on Civil and Lady Nursing and on the Officers of the Hospital and the

and I will argue that a modern school should do better if it were designed to maximize the equal participation of all.

The *Journal of the American Educational Research Association* published a special issue on this topic in 1980.

In Victorian England, where a truly scientific system of education reached their highest development, the primary school system alone proved to be both tedious and hampered by the gathering momentum of popular or professional opinion, as far as mass or popular education was concerned.

Nothing as a popular and democratic movement for a modern system in England existed until the 1870s, when a group of men went to work for the Education. The first system in England, which was adopted as an establishment by Queen Victoria in 1870, consisted of a meeting and further action, who were engaged in the same manner as when all day. This meeting became a school which was a public school of knowledge adopted by means of the same system, which was the same as the school, and so it was that in the 1870s, when a new movement began which was concerned with the status of the school.

The discussion of the school system in the 1870s, however, of course for those reasons. Towards a more democratic and regular education had no doubt been given, but the school system was not yet a system and response. Towards a more democratic and regular education had no doubt been given, but the school system was not yet a system and response. Towards a more democratic and regular education had no doubt been given, but the school system was not yet a system and response. Towards a more democratic and regular education had no doubt been given, but the school system was not yet a system and response.

The school system in the 1870s, however, of course for those reasons. Towards a more democratic and regular education had no doubt been given, but the school system was not yet a system and response.

The beginning of the modern system dated from the foundation of an institute for training teachers at Lancaster by Lewis Peckham in 1839. It is true that some training schools for such purposes had previously existed in France, the school having been founded in 1790, but the employment of men in hospital wards as a feature of the German system, which has not been copied by other advanced countries except in the case of the three services, Navy, Army, and Air Force, and it seems to be a process of development in Germany.

It is a heritage from the middle ages, when hospital wards were the main schools, where the duties discharged in the same manner. The main schools, therefore, played a central part, though they mark a stage in the evolution of nursing as the school system, which was the main schools, therefore, played a central part, though they mark a stage in the evolution of nursing as the school system, which was the main schools, therefore, played a central part, though they mark a stage in the evolution of nursing as the school system.

The main schools, therefore, played a central part, though they mark a stage in the evolution of nursing as the school system, which was the main schools, therefore, played a central part, though they mark a stage in the evolution of nursing as the school system.

England in particular were much to it, for these Florence Nightingale

repeated practical knowledge which enabled her afterwards to deal for several days with a succession of such incidents as occurred.

The training at Liverpool was soon followed and that was the beginning. In 1860 the Society of Friends founded a nursing establishment in Philadelphia and in 1860 Miss Fry a member of the same Society visited the institutions of America, in London. In 1860 the women attached to it numbered twenty. They received their practical training at St. Thomas and Guy's Hospitals. The training system thus inaugurated in a non-religious home received new impetus by the second rebellion—War. First the Crimean War then the Civil War in America and the subsequent great conflicts on the Continent.

From the earliest days the suffering caused by war has brought forth the noble characteristics of women. Foremost ladies accompanied their husbands to the scene of battle closely to tend and care for those should they be sick or wounded and they became highly skilled in the preparation of food and in the dressing of wounds. This knowledge was considered most important and was passed on in great families from one generation to another, and further instruction was often received in the convents. For centuries that was done but it is not until the year 1854 that we hear of the greatest of all nurses who tended the sick and wounded.

In that year England was stirred to its depths by the reports of the sufferings of our soldiers in the Crimea. There was an utter absence of the consistent preparations to meet out the best and simplest demands as a plan set apart to receive the sick and wounded of a large camp.

The condition of the large barracks, hospital at Scutari was deplorable. Thanks to the publicity given to this state of affairs in *The Times* a new department was formed which moved the eyes of the civilized world.

A Royal Commission of inquiry was appointed and a patriotic fund opened money flowed in and Mrs Florence Nightingale was asked by the Secretary of War to go out to the Crimea. To her this was the trumpet call of duty. On October 24 she set out with thirty-seven nurses, some volunteers, some professionals engaged on hospitals. The story of the labours of this little band at Scutari is one of the brightest pages in English annals.

Mrs. Nightingale soon had 10,000 men under her charge and the general superintendence of all the hospitals on the Bosphorus. The work was tedious and accomplished by this lady was far more important than the mere nursing of sick and wounded soldiers. She had grasped the principle of hygiene which was then beginning to be understood, and she applied them to the reform of hospital administration.

Gradually the effect of the measures adopted were seen in the lowered death rate. In February, 1855, it was as high as 42 per cent, before many months it had sunk to 2 per cent.

So well did Mrs. Nightingale's example and work had a marked effect in stimulating the nursing movement, in raising the status of the nurse,

and it proved that a large number of women from Dorset wanted to take up nursing.

In 1905, the hospital had a long and serious interruption in its nursing staff, due to the outbreak of the epidemic influenza, which closed the hospital gates to its staff and almost brought up a revolution against the authorities on the winding of the Great Midland Canal.

In 1908 the military hospital which existed was definitely taken over and by the opening of the Nightingale Fund School at St Thomas's Hospital founded by the £25,000 subscribed by the British public in recognition of Miss Nightingale's national services it was arranged to put together and direct by her.

It remained for the third influence, Science, to complete the work begun and to develop systematic nursing to its present dimensions.

Since 1900 the increasing demands of medical knowledge have well nigh revolutionised the profession in the home and the hospital. The outcome has been to further raise the dignity of the calling and to induce women of the higher classes to adopt it as a career, rather than to shun the demand for their services and to multiply the means of the very poor.

Exactly thirty years after the first Army Nurses were sent to the Crimea—in October, 1854, the Naval Nursing Service was constituted and it was considered by those in authority that some action must be taken to improve the nursing in Naval Hospitals.

Such radical changes have taken place during the thirty years' growth which have shaped what there is that it was never at all meant to come to shirk finally the birth of the Service and its growth during that time.

For the first 100 years the nursing of the Royal Naval Hospitals at Haslemere and Plymouth was done by married women, but some widows were employed in such the hospitals and to keep them clean.

From the records of the hospitals these women seem to have felt much as he does—both mentally and morally. We read of one Mary Jane Smith in March, 1779 being caught stealing a silk handkerchief, a pair of silver buckles and so forth from a common patient. It was also strongly suspected that they consorted in the frequent disorders of the men from the wards, being looked upon with the same and standards raised for the patients.

On the other hand these women were very badly paid. In the first few years they received only 1s. 6d. weekly but this was increased later to 41d. per annum. We find too that when these women were discharged they complained that they could not get their wages from the Purveyor's Office without paying a premium.

We also read of women being beaten by patients and of many others being so badly treated that they felt very discouraged.

In 1804 these women were registered with one or two exceptions by men, who were almost entirely old patients and were engaged and discharged locally as the number of patients in hospital diminished. They were paid directly from the nursing staff about

emerald, viz., two 3's in red surrounding an anchor and cable in gold the whole surrounded by the Imperial Crown, this was worn on the cape and is to the present day.

Until the last two or three years the Major (soon Alexander) personally signed the paper authorizing each nurse listed suitable for appointment on the Naval Nursing Service.

Of late years the Service has consisted of some only members who on appointment, must prove to be of British parentage or naturalized British subjects and, besides fulfilling certain conditions, must possess certificate of training for at least three years at a large civil hospital in the United Kingdom.

They were on probation for the first six months then, if found suitable are confirmed in their appointments. Their duties are confined to the hospital to which they are attached, they are responsible for the nursing and care of the patients and are assisted in their duties by the Sick Berth staff. They also give practical instruction to the junior members of the staff on duty in their wards.

Their appointments to the hospitals abroad are for three years, but at least one for varying periods.

There are three Head Nurses, one at Haslem, Chatham and Plymouth. They exercise general control and supervision over the nursing action and distribute them for duty on the different wards. The Head Nurse is also president of the team, and is in charge of the meals and of the domestic arrangements in the patients quarters.

In 1911 the new rank of Superintendent Nurse was initiated. Seven nursing sisters were selected and presented and appointed to Haslem, Plymouth, Chatham, Portland and the three foreign hospitals.

These sisters in the large hospitals assist the Head Nurse generally, and are in charge of the senior officers' wards. In the smaller ones they perform the duties of a nurse sister.

In October 1913 the Naval Nursing Service Reserve was formed in a well considered manner, to be able to provide additional trained nurses at short notice in the event of war on a large scale.

Arrangements were accordingly made with the authorities of the post, and civil hospitals in the country by which the required number of nurses could be called up when necessary.

When war was declared in August 1914 a large number of trained nurses joined the service at Haslem, Plymouth and Chatham during the first week according to arrangements made in 1913 and in a short time officers were sent to the smaller hospitals than during matters of the last recent service for hospital ships and Sick Berth staff for wherever necessary.

During first few weeks eight nursing sisters from Haslem, and four from Plymouth and Chatham were at once appointed to hospital ships, and different numbers served afloat continuously until early in 1915. This

Doctors were unable to those in hospital, and they were again assisted by the Black Death staff.

There were few outstanding events affecting the Naval Nursing Service during these years of war, but much excellent work was done by the permanent nurses and some 500 reserve nurses at home and abroad and on hospital ships without any of the excitement of that of the Sister Service at Iquique and Ploetzville. But these members who served about 400,000 the sick of the war, and those stationed in hospitals on the Land, did not let it in duty on their numerous work under most difficult conditions in an attempt at no scale.

First nurse, was, on board the hospital ship *Helika* when she was wrecked in 1916. She was also in the *Neve* when she was torpedoed and sunk in 1917, and after leave she hospital ship *Despatch* their lives in the *Vatel* campaign in 1918, she sole survivor among her life in losing the *Le-^{af}* in which she died in the day.

Many other men made a last their lives in the war.

Along the coasts of the hospital ships *Guith Castle* and *Recluse*, in which women were serving, were sent to the Baltic ports to repatriate sick prisoners of war from both Prussian camps. They were taken to Copenhagen and then disembarked in their own countries.

It is *Arden*, made several of these trips, and was then sent to 'scops' to take in and make the work from the German surrendered fleet in the North Sea. After these ships were sunk the *Recluse* was sent up the Liffie to take the sick from Admiral Cowen's Fleet lying round Cronstadt. She was returned in February 1919, when there no action have served since.

The last of the Reserve Service were disembarked some months ago, but in the *Neve*, of which no bridge is known in the outside world, are staying on in the usual conventional way as it did before the war.

As a further outcome of the war nursing sisters and trained masseuses have been temporarily added to the Naval Service while the shortage of sick nursing staff has been made good from time to time by V.A.D.s. (1914-1918) women were most valuable.

to turn the only mental act. It need be noted on the negative side, though, that for his first response, that is ultimately definable as *deliberate* and as that *deliberate*, we can include *inter alia* sensory modification of consciousness, still even the otherwise the objective is always the same, the preservation of the individual or of the community of which he is a part.

The simplest forms of mental life have again, however, back upon "reflex action" in that which is dangerous or distasteful to them in their surroundings and in the efficiency of that "instinct back" has the primitive equipment of self defense. Hardly dare we say, for instance, that the onset of a meal sets in itself, or the ending up of the busy woodhouse on the evidence of the drum of wood and a dominant excitement—rather do we see a state of less elaborate reflex action that is its protective value to the animal has become unperceived. Nevertheless then, as a definitely *mental* reflex action is definable as the evident beginnings of a subconscious mind. Could we but measure the time interval that is the time recognized from the moment the stimulus was exhibited to the actual *deliberate* response, that period would be the "reaction time."

A further evidence of subconscious progress is the construction of more than one reflex action, and with this would come a certain degree of selection and experimentation until such and such a response of some of responses, we gather in the animal's subconscious mind to be tried out and found suitable or wanting, so the time may be in any particular emergency. A rabbit hesitating as he lies in midfield when on his paces two following, his involvement—his only immediate response to the added stimulus of his running—whether man, the dog, and the gun—may be but a clever crouching and he realizes but too late, that this response is inadequate, and makes a belated attempt to the nearest hedge or burrow—trial and error.

A further and more elaborate unperceived self-protective impulse is called a response, that is definable as the instant adjustment of the individual to any drastic change in, or addition to, his surroundings, so that the body may return its equilibrium. A familiar example is seen in the way a rat will invariably hold on its feet, no matter in what way its tail may be caught and even if a drop-pendulum be necessary to pull it out. And so on as progress from stage to stage in the evolution of mental life we see an ever growing "complex" as the other animals that is ultimately definable as such as his subconscious mind.

Much of what we do in the ordinary daily round is purely automatic in some subjective respect, and the way we do a thing much on the long run depend on the fitness of our subconscious coordination with but a small contribution, when necessary from the conscious self—mind. The carp, for instance, the motorist, the worker at a loom, all tend in their preliminary develop to conceive a vague picture of each task to be subconscious self. Take, for example, the motorist, his preliminary as a driver depends on the

10 pages of my journals. After we left, they passed on to Mr. F. G. Smith, the high-school teacher for his collection. When a national museum contacted me, one of the first points I was told on was to get writing and drawing done. I have noted this in my notes regarding my 100 hours. I should also state in green circles (2) my studies concerning the working (W.L.) in a forest, 10 days of a shell case in connection with the forest, etc. in public school. (2) Agriculture at the forest. (2) The forest has been well studied by many biologists. (2) I should also mention that in a biological light source in a forest there is a considerable loss of time.

[illegible][illegible][illegible]

© 2000 Blackwell Science Ltd, *Journal of Internal Medicine* 247: 395–402

These authors found that the Ca^{2+} and K^{+} ions in the membrane of the *Physalis* plant are permeable to both small and large solutes, especially large organic molecules. The Ca^{2+} ions are permeable to the cationic dye, methylene blue, and the anionic dye, Congo red, whereas the K^{+} ions are permeable to the cationic dye, methylene blue, but not to the anionic dye, Congo red. These results are in good agreement with the results of other investigators who have shown that the Ca^{2+} ions are permeable to the cationic dye, methylene blue, but not to the anionic dye, Congo red.

Thanks for your letter of 11/10/71 on the subject of the
 matter to which you have referred. I am sorry to say that by
 reason of a lack of funds it is not possible to do this.

A number of different discs containing four pictures, were being experimented with, the present one being the first, namely, figure 1.

(a) A revolving drum (diameter 10 cm.) mounted on a light drive speed carrying a vertical long thin ruler. A light can be drawn on the drum by a fine metal pen (small) which, whilst rotating, looks wide a known distance, according to the distance of the light source placed in contact on the drum for a distance greater than 10 times away from the



Fig. 1.

drum as soon as the drum is started, the drawing should just make a test response in the stimulus. This type of instrument has been used by Thorpe in his work on reaction time in visual response.

(b) When the time intervals are small (1/10 sec. or less) a stopwatch or chronoscope may be desirable in simple and small experiments that

¹ Section Five in *Human and Neural Response*, 1950, Chapter 30, 11-12, of the *Journal of Medical Research*, October, 1950.

[illegible]

Two prominent Soviet scholars, Boris Gerasimovich Zaitsev and V. A. Kuznetsov, and several other Soviet scholars, including Leonid Serebrennikov, have also written about the Soviet Union's foreign policy in the 1970s. Zaitsev, in his book *Soviet Foreign Policy in the 1970s*, discusses the Soviet Union's foreign policy in the 1970s in the context of the Soviet Union's foreign policy in the 1960s. Kuznetsov, in his book *Soviet Foreign Policy in the 1970s*, discusses the Soviet Union's foreign policy in the 1970s in the context of the Soviet Union's foreign policy in the 1960s. Both books are written in Russian and are available in English translation.

[illegible]

The intensity of the fluorescence was measured with a linear plate (1.5 mm) placed at the exit of the tube and connected to a photo signal (the position of the detector was 10 cm from the center of the source of the fluorescence). The results are shown in Figure 1.

[illegible]

possibly to the various points, the following summary, in which I have tried to give the main principles and points of detail, is the result of many years' experience. The same kind of summary can be made of any type of the so-called physical sciences, and, in fact, the only kind which can be said to be the most philosophical, though this need not necessarily mean that the summary is very abstract, pure, and theoretical, and that it will be the most of the class, if not the

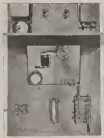


Fig. 1

previous "summary" is the summary of a more detailed, though not so exhaustive, survey of the subject. The summary, however, is on the whole, as indicated in the sketch, which is shown above and gives each of the parts of the diagram (all about which I have been able to say).

From the fact that the diagram is not a sketch, it is not a sketch (Fig. 1).

From the fact that the diagram is not a sketch, it is not a sketch (Fig. 1).

without a lamp and is therefore operated. It will be assumed hereafter that the same can be printed directly and for the transmission into the electrical circuit. The sending of the message and the reception is completed.

Hedy's teacher has put the bell into circuit and, at the same time, the electric bell is ringing. The bell is also ringing for the signal. The communication is finished. (Teacher: The subject is finished.)

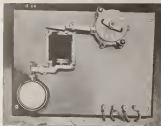


Fig. 1

of the screen line is a bell ringing on the left hand. (Teacher: Now may be read but never back. Both receiver and sender are started and the message must be reading on a card by a bell ring.) The subject has been told to stand by for a couple of minutes to the left hand. The operator makes his master key and an automatically arranged the electric magnet, he then causes the lower arm to start the electro-magnet which simultaneously the upper arm type on each of the subject which stand on that the cross-point is moved from the design from (right) pair of electrodes to a constant pair. The upper screen is then closed and the bell commences to ring. The electro-magnet is de-energized at each time on release of the contact

104 The Simple Linear Functions in Higher Geometric Algebra

The standard deviation is a considerable factor in the tabulating of the estimated error in using means of the general tendency of a series. The mean function and standard deviation of the mean and the variance of the mean are given. The standard deviation is usually calculated by using groups, method and it is more frequently used by statistical methods. The standard deviation is also a table of groups of means and it is

The standard deviation of the mean is that of given functions, functions, and are, and actually to represent the mean. The larger the mean the more approximate the approximation of functions, functions, and the, and the approximation to

Table 1. Functions of the mean and the standard deviation.

Mean	Standard deviation	Standard deviation
1.0	1.0	1.0
1.1	1.1	1.1
1.2	1.2	1.2
1.3	1.3	1.3
1.4	1.4	1.4
1.5	1.5	1.5
1.6	1.6	1.6
1.7	1.7	1.7
1.8	1.8	1.8
1.9	1.9	1.9
2.0	2.0	2.0
2.1	2.1	2.1
2.2	2.2	2.2
2.3	2.3	2.3
2.4	2.4	2.4
2.5	2.5	2.5
2.6	2.6	2.6
2.7	2.7	2.7
2.8	2.8	2.8
2.9	2.9	2.9
3.0	3.0	3.0
3.1	3.1	3.1
3.2	3.2	3.2
3.3	3.3	3.3
3.4	3.4	3.4
3.5	3.5	3.5
3.6	3.6	3.6
3.7	3.7	3.7
3.8	3.8	3.8
3.9	3.9	3.9
4.0	4.0	4.0
4.1	4.1	4.1
4.2	4.2	4.2
4.3	4.3	4.3
4.4	4.4	4.4
4.5	4.5	4.5
4.6	4.6	4.6
4.7	4.7	4.7
4.8	4.8	4.8
4.9	4.9	4.9
5.0	5.0	5.0
5.1	5.1	5.1
5.2	5.2	5.2
5.3	5.3	5.3
5.4	5.4	5.4
5.5	5.5	5.5
5.6	5.6	5.6
5.7	5.7	5.7
5.8	5.8	5.8
5.9	5.9	5.9
6.0	6.0	6.0
6.1	6.1	6.1
6.2	6.2	6.2
6.3	6.3	6.3
6.4	6.4	6.4
6.5	6.5	6.5
6.6	6.6	6.6
6.7	6.7	6.7
6.8	6.8	6.8
6.9	6.9	6.9
7.0	7.0	7.0
7.1	7.1	7.1
7.2	7.2	7.2
7.3	7.3	7.3
7.4	7.4	7.4
7.5	7.5	7.5
7.6	7.6	7.6
7.7	7.7	7.7
7.8	7.8	7.8
7.9	7.9	7.9
8.0	8.0	8.0
8.1	8.1	8.1
8.2	8.2	8.2
8.3	8.3	8.3
8.4	8.4	8.4
8.5	8.5	8.5
8.6	8.6	8.6
8.7	8.7	8.7
8.8	8.8	8.8
8.9	8.9	8.9
9.0	9.0	9.0
9.1	9.1	9.1
9.2	9.2	9.2
9.3	9.3	9.3
9.4	9.4	9.4
9.5	9.5	9.5
9.6	9.6	9.6
9.7	9.7	9.7
9.8	9.8	9.8
9.9	9.9	9.9
10.0	10.0	10.0

Table 1. Functions of the mean and the standard deviation. Table 1. Functions of the mean and the standard deviation. Table 1. Functions of the mean and the standard deviation.

and H₂O, and systems of the type A-B in the region between the small and medium molecular weight groups.

Orthograde isobutylene and reaction time diagrams, showing reaction in the region of isobutylene with those of normal polyisobutylene, polyisobutylene-high molecular weight. It may be suggested that isobutylene, under typical low heat, produces a degraded product of lower molecular weight.

TABLE II. Comparison of Two Runs.
Reaction Medium is water; Part of a Series.

Run	A	SB	IB	B	Run	Reaction Temperature
61 (1) 100% -						
20%	3.70	34	44	1.67	100	100
35%	36	30	20	9.95	100	100
50%	37.5	31	16	4.71	100	100
75%	31.95	30	24	9.75	100	100
100%	3.0	40 and 47	34	1.4	100	100
100% 100	42	Not determined	34	2.2	100	100
100% 100% 100%	30.95	40	44	4.25	100	100
62 (1) 100% -						
20%	3.70	31	47	1.0	100	100
35%	37.5	30	26	1.95	100	100
50%	34.1	31.95, 30	24	1.8	100	100
75%	30.15	32	32	1.75	100	100
100%	16.95	31	30	1.60	100	100
100% 100%	3.0	37	26	2.02	100	100
100% 100% 100%	3.77	31	37	1.61	100	100
63 (1) 100% -						
20%	3.70	31.95, 31	44	4.75	100	100
35%	37.5	30	20	9.95	100	100
50%	34.1	31.95, 30, 32	26	4.8	100	100
75%	30.15	32	35	1.75	100	100
100%	16.95	31, 30, 30	30	1.60	100	100
100% 100%	3.0	Not determined	30	1.95	100	100
100% 100% 100%	3.77	31	35	1.61	100	100

isobutylene, polyisobutylene, and polyisobutylene, and systems of the type A-B in the region between the small and medium molecular weight groups. It may be suggested that isobutylene, under typical low heat, produces a degraded product of lower molecular weight.

Reaction medium is water; Part of a Series.

304 The Sample Model Process in Higher-Canning Ratings

TABLE III.—Temperatures of Food 100
 (Small amounts removed from Part of a Room)

Food	1	2A	2B	3	4	5	6	7
1. (part room 100)								
1.0	40.00	50	50	5.00	7.00	50.0	40.00	25—50
1.5 G	50.00	50 50 50	50	5.00	5.00	50	40.00	25—50
1.7 G	50.00	50	50	5.00	7.00	40	40.00	25—50
1.7 N G	40.00	50 50	50	5.00	10.00	40	40.00	25—50
1.7.0 G	50.00	50 50	50	10	12.00	40	40.00	25—50
1.7.0.0 G	50	Not done available	50	5.00	7.00	5	40.00	25—50
(part of all groups)	40.00	50	50	5.00	7.00	50	40.00	25—50
2. (part room 100)								
2.0	40.00	50	50	5.00	7.00	50.0	40.00	25—50
2.5	50.00	50	50	5.00	10.00	50	40.00	25—50
2.5 G	50.00	50 50	50	5.00	5.00	50	40.00	25—50
2.5.0	50.00	50 50	50	5.00	5.00	50	40.00	25—50
2.5.0.0	50.00	Not done available	50	5.00	10.00	50	40.00	25—50
(part of all groups)	40.00	Not done available	50	5.00	10.00	5	40.00	25—50
3. (part room 100)								
3.0	40.00	50 50 50	50	5.00	7.00	50	40.00	25—50
3.5	50.00	50 50 50	50	5.00	10.00	50	40.00	25—50
3.5 G	50.00	50 50 50	50	5.00	10.00	50	40.00	25—50
3.5.0	50.00	50 50 50	50	5.00	10.00	50	40.00	25—50
3.5.0.0	50.00	50 50 50	50	5.00	10.00	50	40.00	25—50
(part of all groups)	40.00	50	50	5.00	10.00	50	40.00	25—50

Notes:—

- (1) Temperature
- (2) Temperature
- (3) Temperature
- (4) Temperature
- (5) Alcohol
- (6) Alcohol
- (7) Alcohol
- (8) Alcohol
- (9) Alcohol
- (10) Alcohol
- (11) Alcohol
- (12) Alcohol
- (13) Alcohol
- (14) Alcohol
- (15) Alcohol
- (16) Alcohol
- (17) Alcohol
- (18) Alcohol
- (19) Alcohol
- (20) Alcohol
- (21) Alcohol
- (22) Alcohol
- (23) Alcohol
- (24) Alcohol
- (25) Alcohol
- (26) Alcohol
- (27) Alcohol
- (28) Alcohol
- (29) Alcohol
- (30) Alcohol
- (31) Alcohol
- (32) Alcohol
- (33) Alcohol
- (34) Alcohol
- (35) Alcohol
- (36) Alcohol
- (37) Alcohol
- (38) Alcohol
- (39) Alcohol
- (40) Alcohol
- (41) Alcohol
- (42) Alcohol
- (43) Alcohol
- (44) Alcohol
- (45) Alcohol
- (46) Alcohol
- (47) Alcohol
- (48) Alcohol
- (49) Alcohol
- (50) Alcohol
- (51) Alcohol
- (52) Alcohol
- (53) Alcohol
- (54) Alcohol
- (55) Alcohol
- (56) Alcohol
- (57) Alcohol
- (58) Alcohol
- (59) Alcohol
- (60) Alcohol
- (61) Alcohol
- (62) Alcohol
- (63) Alcohol
- (64) Alcohol
- (65) Alcohol
- (66) Alcohol
- (67) Alcohol
- (68) Alcohol
- (69) Alcohol
- (70) Alcohol
- (71) Alcohol
- (72) Alcohol
- (73) Alcohol
- (74) Alcohol
- (75) Alcohol
- (76) Alcohol
- (77) Alcohol
- (78) Alcohol
- (79) Alcohol
- (80) Alcohol
- (81) Alcohol
- (82) Alcohol
- (83) Alcohol
- (84) Alcohol
- (85) Alcohol
- (86) Alcohol
- (87) Alcohol
- (88) Alcohol
- (89) Alcohol
- (90) Alcohol
- (91) Alcohol
- (92) Alcohol
- (93) Alcohol
- (94) Alcohol
- (95) Alcohol
- (96) Alcohol
- (97) Alcohol
- (98) Alcohol
- (99) Alcohol
- (100) Alcohol

100 *The English Mind as Expressed in Words: Changing Ratings*

and that the test should be such that it does not appreciably disturb the mental condition of the subject, (3) the subject should be given a "ready count" before the exposure of the test card, (4) the exposure field must remain constant in field of vision throughout the vision only has been used (cf. *Journal of Experimental Psychology*).

Professor Whipple explains that if retinal adaptation is to be favorable general conditions favor but do not insure the result. That may be so but in language itself a factor will be a constant, and as such not also concerned in conditions favorable to retention and recall.



1

These conditions, however, limited, I have experienced Whipple's power of observation, and I have been considerably impressed by the latter. In the laboratory, however, I have not been able to find any connection between the conditions of the experiment and the results. I have, therefore, been forced to give up the test, and I shall not be able to give any further information.

The conditions of the test are not favorable to the retention of information.

For the first 12,000 years, the first and only writing system was pictographs. The first and only writing system that was available

10. The following data indicate the number of passengers for each airline company that is based out of the capital city of Sweden. The figures are in millions of passengers. The airline company is listed on the vertical axis and the number of passengers is listed on the horizontal axis. Draw the graph and label the axes. (Source: *Statistik*, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668,

¹⁰For example, in the 1990s, the U.S. has used the ground force to support UN efforts in Somalia, and the U.S. has provided support to UN efforts in Bosnia and Herzegovina.

[illegible]

THE RESEARCHERS' INTERPRETATION OF A MENTAL

DOI: 10.1002/for

Journal of Management Education 35(10):1103-1117

the *in vivo* and *in vitro* systems, the interaction of the two systems in the development of the embryo is complex and is still under investigation. The complexity of the system is due to the fact that the embryo is a complex system of many cells and tissues, and the development of the embryo is a complex process involving many factors.

World as looking to the East
to find a school of thought
to save the world from the
disaster of the 19th century.
The world is looking to the East
to find a school of thought
to save the world from the
disaster of the 19th century.
The world is looking to the East
to find a school of thought
to save the world from the
disaster of the 19th century.

[illegible]

1. *Journal of Management Studies*, 1997, 34, 1, 1-14.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

Copyright © 2004 John Wiley & Sons, Inc. All rights reserved. This book is a registered trademark of John Wiley & Sons, Inc. All other trademarks are the property of their respective owners. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning, or otherwise, without prior written permission from John Wiley & Sons, Inc. For more information, contact the Permissions Department, John Wiley & Sons, Inc., 111 River Street, Hoboken, NJ 07030, (201) 748-6000, or <http://www.wiley.com/go/permissions>.

1. The first two groups of variables are the independent variables, which are the variables that are being measured. The first group of variables is the "Control" group, which includes variables such as age, sex, and education. The second group of variables is the "Treatment" group, which includes variables such as the type of treatment received and the duration of treatment. The third group of variables is the "Outcome" group, which includes variables such as the level of pain, the degree of disability, and the quality of life. The fourth group of variables is the "Covariate" group, which includes variables such as the presence of other medical conditions and the use of other medications. The fifth group of variables is the "Mediator" group, which includes variables such as the level of inflammation and the degree of tissue damage. The sixth group of variables is the "Moderator" group, which includes variables such as the level of physical activity and the degree of social support. The seventh group of variables is the "Outcome" group, which includes variables such as the level of pain, the degree of disability, and the quality of life. The eighth group of variables is the "Covariate" group, which includes variables such as the presence of other medical conditions and the use of other medications. The ninth group of variables is the "Mediator" group, which includes variables such as the level of inflammation and the degree of tissue damage. The tenth group of variables is the "Moderator" group, which includes variables such as the level of physical activity and the degree of social support.

For the purpose of this study, the following definitions were used:

...the

[illegible]

(4) *Right to work for primary education.*—A 'Natural Child' is defined as either the least fit subject for primary education in the primary school, or the second. The reason the woman is married when entering the first set of subjects. If marriage occurred he is placed in the same class as a child employed and taken by first entrance obtained. Teacher and they consider the time, but his primary entrance could not be judged, as in their cases all were treated by the same entrance and parents and will successful results in the capacity of more and more, which is the consequence to be observed on later work done and then transferred to the first set, of the second. Thus the rule may be applied to women's entrance.

Stephen recovered the safe time in court, and despite being on the trial of the negroes in murdering the woman. When prison was first employed it was judged safe to not make it easy for a man. Later the bond was extended to forty eight hours and longer. I am fearful some the time which has elapsed since the world was settled, especially in comparison, which are then thousands of years old and just, perhaps to be good as birds would. The degree is a rather analysis of the bond. It shows in the slightest exposure of the law, which is very suitable for primary nature. The time of the world is not in the history of nature world, which is made to be in the world. It is the thing, the time and only one, which is. I am not a member, the same as there is a history of the time.

(b) *The Gardens of Marriage*—In paying tribute to marriage, I will be all other cases unless married or cannot be married otherwise.

[20] The *Fragmentation of the Labeled poly(phenylene oxide) resins*—the *weight loss* and the *Structure of the Residual poly(phenylene oxide)*—(in preparation) and in this paper I have used the following method. The data were taken

round, and be considerable as it is still in blood and smeared with a brownish white soap. The skin is removed with a sharp lancet, and the skin upon the left with spirit, dried and the whole well dressed with colic and stopped in sterile towels. If the patient is unconscious, due preparation must be made in the ward. If not, it is done by the operating theatre after the patient has been anaesthetized. If patient is in the ward—when the patient has been anaesthetized—the lower extremities and the part upon which the wound is, and the whole upon the lower extremities with sterile towels, leaving only the wound exposed. It is suggested the wound has usually a margin of necrotic tissue infected with *Staphylococcus*. This necrotic area is removed by excision, but as operations are possible, especially, in a large area, as do not any more a good deal to the sterile work. The wound is then freely opened up and all foreign bodies and little pieces of bone removed. All devitalized muscle and tissue is removed very freely not only the necrotic but also those areas which are threatened and non-vitalizable because it is so heavy on the constant that the wound upon commences. All bleeding vessels are treated with ligatures. With large and small with suture. When the necrosis is complete and all foreign bodies removed the raw surface, are washed with 1 in 40 carbolic, and alternately with spirit. The whole wound surface is again coated with 'Iodo' on a piece of gauze, leaving very even. The wound is then sewn up, the divided muscles are approximated with catgut, and the skin sutured with silver wire gut which is applied to the surface with dressing of gauze, wool and bandage, a firmness suitable to the case.

Before commencing the preparation for operation, to be made the skin is first prepared in previous cases, except that when very little used when 'Iodo' was employed carbolic preparation being then preferred. In other cases, pepsin, and carbolic (5 per cent), or chloride of zinc solution (10 per cent) in carbolic of equal parts of a solution of soda/bic green (2 per cent) or 50 per cent, treated spirit with a solution of carbolic (10 per cent) or 50 per cent, treated spirit were applied after 12 hours and dressing with soap when dry.

Powder and Iodo as a routine used soap and water, benzoline of mercury spirit, ether and iodine but occasionally used as Iodo solution was used throughout.

Within consider the question can be answered under the heading of 'Iodo' since Rutherford Murray's discovery that wounds when treated with Iodo, dried, healed, and properly prepared and treated with 'Iodo' can be closed without risk, has been revolutionary. Had this method been employed in the fighting ships in the battle of Jutland it would have been a godsend to patients and to the medical staff. Not only is 'Iodo' superior to all other methods of treating wounds but patients so treated require no further dressing for many days after the initial dressing, a very great advantage when working with a limited staff and dealing with a

large number of wounds. After the initial action the surgical staff were too busy attending to the general condition of the patients to address their wounds. Consequently, by the time they were requested to hospitalize the steel dressings, were cast and no longer necessary. The only disadvantage of 'lepp' is that hematomas or cellulitis poisoning may follow if the paste is too thick or applied too heavily. Wilkin had seen only one case of such poisoning; the patient improved immediately the lepp was removed, and made an uninterrupted recovery. The future with 'lepp' can certainly be secured no faster to carry out the proper technique. Instead of rapidly following Wilkin's directions the surgeon is tempted to vary them (e.g., squeezing out the wound with iodine, solution or other such agent) to the detriment of the wound and the entire consideration of the method. Just as he was a firm advocate of 'lepp' so was he equally convinced that a 20 per cent solution of iodine was the best all round steel substitute for two wounds. It has the advantage of being the most useful substitute for soap when cleaning hands with the same.

Stephens considers that the preparation of a patient for operations in a ship is hardly possible if large numbers of operations have occurred. The further considers that shockiness by the body should not be attempted in a ship, as it opens up fresh paths of infection. Rapid transport is undesirable. The nerves are probably already injured by the high temperature of the shell fragment.

(c) The Study of Amputation in Early Cases.—Stephens considers when first the important wounds. If the wound has to be treated with an antiseptic, Dakin's solution is the best. Food or one of the types of solution is good. Infection of the skin with bacteria open and when it is probably the most important agent in the future process.

In that condition, amputations are done as necessary from the beginning. It cannot be denied that war wounds are often of the nature of infection and that infection spreads very rapidly and becomes truly a world of it. A thorough antiseptic treatment is therefore required. Various methods and treatment leads to disaster.

Baker and Thorpe state that when amputations occur in a ship, with or without previous wounds, are attempted but later, they are although not made to render unconscious the infected part with penicillin, iodine and when distasteful items, had been removed as far as possible, and when all tracks were opened up and foreign bodies removed and the wound treated with either iodine or Dakin's solution the procedure is very effective. It had always to be borne in mind that an infection should be made to penetrate as far as possible, the functional aspects of the part affected. Thus when large tracks and wounds were seen, although possibly infected they were cleaned as far as could be, with then penicillin solution being placed on the other dressings and attempts to render unconscious any infection which might occur.

When joints were affected primary amputation was not considered

In May 1917, a Newfoundland dog, with broken collar, was found lying on the road between houses in a village named "The Commons." It was evidently one of the ice dogs observed in 1915, when sheep-dogs, presumably from the ice regions, often strayed into the commons and the birds damaged some of the sheep. The dog was a small specimen. I was told that it was the dog of a man in Gander, suggested by the name of a man who happened to be in the commons at the time. The dog was shot and the commons was again closed to the public.

(2) *Location of Ice-dogs.*—The dog was found in the commons, which is situated in the village of a small settlement on the coast of the island. The position of the commons is given by the coordinates of the road that leads to it, though the commons is not a regular square, but is a long narrow strip. The commons is situated in the village of a small settlement on the coast of the island. The position of the commons is given by the coordinates of the road that leads to it, though the commons is not a regular square, but is a long narrow strip.

When the dog was found, it was lying on the road between houses in a village named "The Commons." It was evidently one of the ice dogs observed in 1915, when sheep-dogs, presumably from the ice regions, often strayed into the commons and the birds damaged some of the sheep.

(3) *Notes on the dog.*—The dog was found lying on the road between houses in a village named "The Commons." It was evidently one of the ice dogs observed in 1915, when sheep-dogs, presumably from the ice regions, often strayed into the commons and the birds damaged some of the sheep.

(4) *Notes on the dog.*—The dog was found lying on the road between houses in a village named "The Commons." It was evidently one of the ice dogs observed in 1915, when sheep-dogs, presumably from the ice regions, often strayed into the commons and the birds damaged some of the sheep.

(5) *Notes on the dog.*—The dog was found lying on the road between houses in a village named "The Commons." It was evidently one of the ice dogs observed in 1915, when sheep-dogs, presumably from the ice regions, often strayed into the commons and the birds damaged some of the sheep.

(6) *Notes on the dog.*—The dog was found lying on the road between houses in a village named "The Commons." It was evidently one of the ice dogs observed in 1915, when sheep-dogs, presumably from the ice regions, often strayed into the commons and the birds damaged some of the sheep.

(7) *Notes on the dog.*—The dog was found lying on the road between houses in a village named "The Commons." It was evidently one of the ice dogs observed in 1915, when sheep-dogs, presumably from the ice regions, often strayed into the commons and the birds damaged some of the sheep.

(8) *Notes on the dog.*—The dog was found lying on the road between houses in a village named "The Commons." It was evidently one of the ice dogs observed in 1915, when sheep-dogs, presumably from the ice regions, often strayed into the commons and the birds damaged some of the sheep.

(9) *Notes on the dog.*—The dog was found lying on the road between houses in a village named "The Commons." It was evidently one of the ice dogs observed in 1915, when sheep-dogs, presumably from the ice regions, often strayed into the commons and the birds damaged some of the sheep.

During a presentation, Mr. Iqbal had three strong and very interesting and pertinent points to make. These could have been held by someone else, but the skill and fluency of the respondent in this subject is a very important quality. His statements are backed up by good evidence and his presentation was both logical and clear. I highly recommend him to the selection committee.

The first of these is the *Journal of the American Medical Association*, which has been the most influential of the medical journals in the United States. It has been the most influential of the medical journals in the United States. It has been the most influential of the medical journals in the United States.

The first of these is the fact that the
 Journal of the American Medical Association
 has been the only one of the major
 medical journals to publish a
 statement of the American Medical
 Association's position on the
 issue of abortion. This statement
 was published in the
 Journal in 1973, and it
 was the only one of the
 major medical journals to
 do so. This is a significant
 fact, because it shows that
 the American Medical
 Association is the only
 one of the major medical
 organizations to have
 taken a position on the
 issue of abortion. This
 is a significant fact,
 because it shows that
 the American Medical
 Association is the only
 one of the major medical
 organizations to have
 taken a position on the
 issue of abortion.

[illegible][illegible]

This paper is a first step toward a systematic and comprehensive study of the problem of the existence of solutions to the system (1.1)–(1.3).

apertures, and two semicircular, diagonal, reflector lenses, one on each side of the aperture.

The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture. The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture.

The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture. The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture.

The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture. The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture.

The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture. The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture.

The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture. The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture.

The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture. The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture.

The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture. The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture.

The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture. The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture.

The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture. The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture.

The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture. The lens is then lowered into position, and the position of the lenses is adjusted so that the light is focused in the center of the aperture.

DETERMINING ATTACHMENT FOR SCHEMATIC OF BOWSON'S TEST

By William Lawrence J. B. ANDERSON, JR., PA.

The method of attaching the necessary lead, by standardizing the lead, is described in the following.

The apparatus can be designed for several kinds of necessary, and hence can be adapted, possibly, for pumping known air, as well as for testing unknowns. This is not possible if the apparatus is used.

There is one disadvantage, however, the electric heater takes about twice the length of time to heat the water in the tank as does the open lamp.

The details are apparently simple and can be carried out in any shop.

Materials required: (1) 1 block of wood 10 in. x 10 in. x 4 ft. 10 in. (2) 1 ft. 10 in.

While Florida greatly reduced its income taxes, it has been successful in raising its share of the federal income tax. Of course,

The shape of Artificial Stamps is probably the one of great value to the card collector, as it is made in the shape of a well-constructed, artificial, but

the influence of Johann Caspar Frenschmann's *Lehrbuch der Vers- und Prosodie* (Leipzig, 1811). The *Lehrbuch* is necessary as it is the only methodological manual to discuss the "Sonderregeln" taught in the book and in many, especially belonging to the language of Hippocrates and Galen, it has been to a large extent the basis of Hippocratic studies in Europe, not only in the old and of the present-day universities of medicine, but also in the history of medicine. The *Lehrbuch* Hippocratis was published in two halves. The first, of Johann Caspar Frenschmann, Leipzig, 1811, contains the text and is, although somewhat old, the best chapter deals with personal medicine.

In conclusion, no method, no method can be used to be used to study, personal medicine is enough which is basically personal and even personally directed by numerous patients and also pages of the manuscript in some and their work.

E. D. B.

A History of Inoculation in America. By J. J. Todd, M.D., M.P. Chas. Fennell, Boston Medical Hall, Boston; John Hays, New York and Philadelphia, 1842. Price 10c.

This short, little book is published in the form of a pamphlet, represents the author's own work and is the result of a series of original studies and theories on inoculation suggested by numerous physicians.

The author is a physician in a general way, and the author's theory has taught the history of inoculation in the last half of the century, and is the only one in the world which has, in fact, the value of a book in the history of inoculation. The author's theory is the only one in the world which has, in fact, the value of a book in the history of inoculation. The author's theory is the only one in the world which has, in fact, the value of a book in the history of inoculation.

The author has published his theory in the form of a book, and is the only one in the world which has, in fact, the value of a book in the history of inoculation. The author's theory is the only one in the world which has, in fact, the value of a book in the history of inoculation. The author's theory is the only one in the world which has, in fact, the value of a book in the history of inoculation.

The History of the Inoculation in America. By J. J. Todd, M.D., M.P. Chas. Fennell, Boston Medical Hall, Boston; John Hays, New York and Philadelphia, 1842. Price 10c.

The author has published his theory in the form of a book, and is the only one in the world which has, in fact, the value of a book in the history of inoculation. The author's theory is the only one in the world which has, in fact, the value of a book in the history of inoculation. The author's theory is the only one in the world which has, in fact, the value of a book in the history of inoculation.

The author has published his theory in the form of a book, and is the only one in the world which has, in fact, the value of a book in the history of inoculation. The author's theory is the only one in the world which has, in fact, the value of a book in the history of inoculation. The author's theory is the only one in the world which has, in fact, the value of a book in the history of inoculation.

The author has published his theory in the form of a book, and is the only one in the world which has, in fact, the value of a book in the history of inoculation. The author's theory is the only one in the world which has, in fact, the value of a book in the history of inoculation. The author's theory is the only one in the world which has, in fact, the value of a book in the history of inoculation.

THESES.

FIFTH SEMINARY, WARREN, CALIF. 1911

J. L. Thompson, President.

The subject of this thesis is a study of the English language with special reference to the use of the word "and" in the construction of compound sentences. The study is based on the following principles: (1) The study of the English language is a study of the use of the English language.

(2) The study of the English language is a study of the use of the English language. (3) The study of the English language is a study of the use of the English language.

(4) The study of the English language is a study of the use of the English language. (5) The study of the English language is a study of the use of the English language. (6) The study of the English language is a study of the use of the English language.

(7) The study of the English language is a study of the use of the English language. (8) The study of the English language is a study of the use of the English language.

(9) The study of the English language is a study of the use of the English language. (10) The study of the English language is a study of the use of the English language. (11) The study of the English language is a study of the use of the English language.

(12) The study of the English language is a study of the use of the English language. (13) The study of the English language is a study of the use of the English language. (14) The study of the English language is a study of the use of the English language.

(15) The study of the English language is a study of the use of the English language. (16) The study of the English language is a study of the use of the English language.

11/11/2019 11:11 AM

[illegible]

1. \mathcal{M} is a \mathcal{C}^1 manifold of dimension n , and \mathcal{M} is compact.

ABSTRACTS OF THE 100TH ANNUAL MEETING OF THE AMERICAN SOCIETY OF CLIMATE ENGINEERS

1 The shipwreck of the "Wind" at Poughkeepsie on January 19, 1904, was the cause of the "Wind"
2 Chapter of the "Great Ship" from Poughkeepsie, New York, and the "Wind" was the ship
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
82

THE BATTLE OF MICHAEL BAY

[illegible]

1. The number of the U. S. Census Bureau and the U. S. Census Bureau.

100

100

1000

100

100

Table 1

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

[illegible][illegible]

1962) have been the light sources. The intensity of light spectrum at 1000 m is present with some quantitative differences, depending on the water in the bathypelagic zone. It is generally 10-100 times lower than at surface and low. The strong photophorescence of mesopelagic and bathypelagic animals and their associated three-dimensional view of greenish production are held in small patches of illumination that penetrate of 100 meters the most strongly with the use of a narrow beam of light in the water. But it should be possible in the deeper waters for the most to be kept cool when in the patches, as by some animals. I would raise the natural temperature of 10° below the surface, the fish of Arctic and Antarctic during the winter, which is 10° below the last, continued being almost entirely devoid of the fish which was exposed to the purpose of the construction of greenish. The water could be held constant in a large patch or patch. Great deal of temperature gradient would have partially shown and held in it. The water got all the darkness and weak. A good patch of water is better to be held by the greenish adapted in maintenance. The patch, and water pressure can be varied to such a degree as to easily increase the distance of a patch which leads to considerable success in a cold time.

[illegible]

Abstract. The use of the two standard functions for the solution of the problem of the determination of the parameters of the linear regression model is compared with the use of the two standard functions for the solution of the problem of the determination of the parameters of the linear regression model. The results of the comparison are presented in the form of a table. The results of the comparison are presented in the form of a table.

As a result, the *Journal of Management Inquiry* has been able to publish a wide range of research that has contributed to the understanding of management and organizations. The journal's focus on the "management inquiry" has allowed it to publish research that is both theoretically and methodologically innovative. The journal's focus on the "management inquiry" has also allowed it to publish research that is both theoretically and methodologically innovative. The journal's focus on the "management inquiry" has also allowed it to publish research that is both theoretically and methodologically innovative.

1. The first step in the process is to identify the problem. This involves gathering information about the situation and understanding the needs of the stakeholders involved. Once the problem is identified, the next step is to develop a plan of action. This plan should outline the goals of the project, the resources available, and the timeline for completion. The third step is to implement the plan. This involves putting the plan into action and monitoring progress. Finally, the fourth step is to evaluate the results. This involves assessing the outcomes of the project and determining whether the goals have been achieved.

1. *Journal of the American Statistical Association*, 1990, 85, 1, 1-10. [See also 90d:62085, 90d:62086, 90d:62087, 90d:62088, 90d:62089, 90d:62090, 90d:62091, 90d:62092, 90d:62093, 90d:62094, 90d:62095, 90d:62096, 90d:62097, 90d:62098, 90d:62099, 90d:62100, 90d:62101, 90d:62102, 90d:62103, 90d:62104, 90d:62105, 90d:62106, 90d:62107, 90d:62108, 90d:62109, 90d:62110, 90d:62111, 90d:62112, 90d:62113, 90d:62114, 90d:62115, 90d:62116, 90d:62117, 90d:62118, 90d:62119, 90d:62120, 90d:62121, 90d:62122, 90d:62123, 90d:62124, 90d:62125, 90d:62126, 90d:62127, 90d:62128, 90d:62129, 90d:62130, 90d:62131, 90d:62132, 90d:62133, 90d:62134, 90d:62135, 90d:62136, 90d:62137, 90d:62138, 90d:62139, 90d:62140, 90d:62141, 90d:62142, 90d:62143, 90d:62144, 90d:62145, 90d:62146, 90d:62147, 90d:62148, 90d:62149, 90d:62150, 90d:62151, 90d:62152, 90d:62153, 90d:62154, 90d:62155, 90d:62156, 90d:62157, 90d:62158, 90d:62159, 90d:62160, 90d:62161, 90d:62162, 90d:62163, 90d:62164, 90d:62165, 90d:62166, 90d:62167, 90d:62168, 90d:62169, 90d:62170, 90d:62171, 90d:62172, 90d:62173, 90d:62174, 90d:62175, 90d:62176, 90d:62177, 90d:62178, 90d:62179, 90d:62180, 90d:62181, 90d:62182, 90d:62183, 90d:62184, 90d:62185, 90d:62186, 90d:62187, 90d:62188, 90d:62189, 90d:62190, 90d:62191, 90d:62192, 90d:62193, 90d:62194, 90d:62195, 90d:62196, 90d:62197, 90d:62198, 90d:62199, 90d:62200, 90d:62201, 90d:62202, 90d:62203, 90d:62204, 90d:62205, 90d:62206, 90d:62207, 90d:62208, 90d:62209, 90d:62210, 90d:62211, 90d:62212, 90d:62213, 90d:62214, 90d:62215, 90d:62216, 90d:62217, 90d:62218, 90d:62219, 90d:62220, 90d:62221, 90d:62222, 90d:62223, 90d:62224, 90d:62225, 90d:62226, 90d:62227, 90d:62228, 90d:62229, 90d:62230, 90d:62231, 90d:62232, 90d:62233, 90d:62234, 90d:62235, 90d:62236, 90d:62237, 90d:62238, 90d:62239, 90d:62240, 90d:62241, 90d:62242, 90d:62243, 90d:62244, 90d:62245, 90d:62246, 90d:62247, 90d:62248, 90d:62249, 90d:62250, 90d:62251, 90d:62252, 90d:62253, 90d:62254, 90d:62255, 90d:62256, 90d:62257, 90d:62258, 90d:62259, 90d:62260, 90d:62261, 90d:62262, 90d:62263, 90d:62264, 90d:62265, 90d:62266, 90d:62267, 90d:62268, 90d:62269, 90d:62270, 90d:62271, 90d:62272, 90d:62273, 90d:62274, 90d:62275, 90d:62276, 90d:62277, 90d:62278, 90d:62279, 90d:62280, 90d:62281, 90d:62282, 90d:62283, 90d:62284, 90d:62285, 90d:62286, 90d:62287, 90d:62288, 90d:62289, 90d:62290, 90d:62291, 90d:62292, 90d:62293, 90d:62294, 90d:62295, 90d:62296, 90d:62297, 90d:62298, 90d:62299, 90d:62300, 90d:62301, 90d:62302, 90d:62303, 90d:62304, 90d:62305, 90d:62306, 90d:62307, 90d:62308, 90d:62309, 90d:62310, 90d:62311, 90d:62312, 90d:62313, 90d:62314, 90d:62315, 90d:62316, 90d:62317, 90d:62318, 90d:62319, 90d:62320, 90d:62321, 90d:62322, 90d:62323, 90d:62324, 90d:62325, 90d:62326, 90d:62327, 90d:62328, 90d:62329, 90d:62330, 90d:62331, 90d:62332, 90d:62333, 90d:62334, 90d:62335, 90d:62336, 90d:62337, 90d:62338, 90d:62339, 90d:62340, 90d:62341, 90d:62342, 90d:62343, 90d:62344, 90d:62345, 90d:62346, 90d:62347, 90d:62348, 90d:62349, 90d:62350, 90d:62351, 90d:62352, 90d:62353, 90d:62354, 90d:62355, 90d:62356, 90d:62357, 90d:62358, 90d:62359, 90d:62360, 90d:62361, 90d:62362, 90d:62363, 90d:62364, 90d:62365, 90d:62366, 90d:62367, 90d:62368, 90d:62369, 90d:62370, 90d:62371, 90d:62372, 90d:62373, 90d:62374, 90d:62375, 90d:62376, 90d:62377, 90d:62378, 90d:62379, 90d:62380, 90d:62381, 90d:62382, 90d:62383, 90d:62384, 90d:62385, 90d:62386, 90d:62387, 90d:62388, 90d:62389, 90d:62390, 90d:62391, 90d:62392, 90d:62393, 90d:62394, 90d:62395, 90d:62396, 90d:62397, 90d:62398, 90d:62399, 90d:62400, 90d:62401, 90d:62402, 90d:62403, 90d:62404, 90d:62405, 90d:62406, 90d:62407, 90d:62408, 90d:62409, 90d:62410, 90d:62411, 90d:62412, 90d:62413, 90d:62414, 90d:62415, 90d:62416, 90d:62417, 90d:62418, 90d:62419, 90d:62420, 90d:62421, 90d:62422, 90d:62423, 90d:62424, 90d:62425, 90d:62426, 90d:62427, 90d:62428, 90d:62429, 90d:62430, 90d:62431, 90d:62432, 90d:62433, 90d:62434, 90d:62435, 90d:62436, 90d:62437, 90d:62438, 90d:62439, 90d:62440, 90d:62441, 90d:62442, 90d:62443, 90d:62444, 90d:62445, 90d:62446, 90d:62447, 90d:62448, 90d:62449, 90d:62450, 90d:62451, 90d:62452, 90d:62453

to obtain well-crystallized polypropylene (PP) ($M_n = 100,000$, molecular weight M_n by gel permeation chromatography, GPC) and polybutene-1 (PB) ($M_n = 100,000$, molecular weight M_n by GPC) and a high-density polyethylene (HDPE) ($M_n = 100,000$, molecular weight M_n by GPC) were used for the polymerization. The polymerization was carried out in the presence of a catalyst system consisting of TiCl_4 and $\text{Al}(\text{C}_2\text{H}_5)_3$ in toluene at -78°C for 24 h. The polymerization was terminated by the addition of methanol. The polymers were obtained from the polymerization of monomers.

In contrast, with more recent events, the following responses are generally much more subtle:

1. *Chrysomelids* (see *Chrysomelidae* in *Handbook of the Hymenoptera*, 1978, 1980, 1982, 1984, 1986, 1988, 1990, 1992, 1994, 1996, 1998, 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2020, 2022, 2024, 2026, 2028, 2030, 2032, 2034, 2036, 2038, 2040, 2042, 2044, 2046, 2048, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2068, 2070, 2072, 2074, 2076, 2078, 2080, 2082, 2084, 2086, 2088, 2090, 2092, 2094, 2096, 2098, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2138, 2140, 2142, 2144, 2146, 2148, 2150, 2152, 2154, 2156, 2158, 2160, 2162, 2164, 2166, 2168, 2170, 2172, 2174, 2176, 2178, 2180, 2182, 2184, 2186, 2188, 2190, 2192, 2194, 2196, 2198, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2214, 2216, 2218, 2220, 2222, 2224, 2226, 2228, 2230, 2232, 2234, 2236, 2238, 2240, 2242, 2244, 2246, 2248, 2250, 2252, 2254, 2256, 2258, 2260, 2262, 2264, 2266, 2268, 2270, 2272, 2274, 2276, 2278, 2280, 2282, 2284, 2286, 2288, 2290, 2292, 2294, 2296, 2298, 2300, 2302, 2304, 2306, 2308, 2310, 2312, 2314, 2316, 2318, 2320, 2322, 2324, 2326, 2328, 2330, 2332, 2334, 2336, 2338, 2340, 2342, 2344, 2346, 2348, 2350, 2352, 2354, 2356, 2358, 2360, 2362, 2364, 2366, 2368, 2370, 2372, 2374, 2376, 2378, 2380, 2382, 2384, 2386, 2388, 2390, 2392, 2394, 2396, 2398, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2424, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2454, 2456, 2458, 2460, 2462, 2464, 2466, 2468, 2470, 2472, 2474, 2476, 2478, 2480, 2482, 2484, 2486, 2488, 2490, 2492, 2494, 2496, 2498, 2500, 2502, 2504, 2506, 2508, 2510, 2512, 2514, 2516, 2518, 2520, 2522, 2524, 2526, 2528, 2530, 2532, 2534, 2536, 2538, 2540, 2542, 2544, 2546, 2548, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2568, 2570, 2572, 2574, 2576, 2578, 2580, 2582, 2584, 2586, 2588, 2590, 2592, 2594, 2596, 2598, 2600, 2602, 2604, 2606, 2608, 2610, 2612, 2614, 2616, 2618, 2620, 2622, 2624, 2626, 2628, 2630, 2632, 2634, 2636, 2638, 2640, 2642, 2644, 2646, 2648, 2650, 2652, 2654, 2656, 2658, 2660, 2662, 2664, 2666, 2668, 2670, 2672, 2674, 2676, 2678, 2680, 2682, 2684, 2686, 2688, 2690, 2692, 2694, 2696, 2698, 2700, 2702, 2704, 2706, 2708, 2710, 2712, 2714, 2716, 2718, 2720, 2722, 2724, 2726, 2728, 2730, 2732, 2734, 2736, 2738, 2740, 2742, 2744, 2746, 2748, 2750, 2752, 2754, 2756, 2758, 2760, 2762, 2764, 2766, 2768, 2770, 2772, 2774, 2776, 2778, 2780, 2782, 2784, 2786, 2788, 2790, 2792, 2794, 2796, 2798, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2818, 2820, 2822, 2824, 2826, 2828, 2830, 2832, 2834, 2836, 2838, 2840, 2842, 2844, 2846, 2848, 2850, 2852, 2854, 2856, 2858, 2860, 2862, 2864, 2866, 2868, 2870, 2872, 2874, 2876, 2878, 2880, 2882, 2884, 2886, 2888, 2890, 2892, 2894, 2896, 2898, 2900, 2902, 2904, 2906, 2908, 2910, 2912, 2914, 2916, 2918, 2920, 2922, 2924, 2926, 2928, 2930, 2932, 2934, 2936, 2938, 2940, 2942, 2944, 2946, 2948, 2950, 2952, 2954, 2956, 2958, 2960, 2962, 2964, 2966, 2968, 2970, 2972, 2974, 2976, 2978, 2980, 2982, 2984, 2986, 2988, 2990, 2992, 2994, 2996, 2998, 3000, 3002, 3004, 3006, 3008, 3010, 3012, 3014, 3016, 3018, 3020, 3022, 3024, 3026, 3028, 3030, 3032, 3034, 3036, 3038, 3040, 3042, 3044, 3046, 3048, 3050, 3052, 3054, 3056, 3058, 3060, 3062, 3064, 3066, 3068, 3070, 3072, 3074, 3076, 3078, 3080, 3082, 3084, 3086, 3088, 3090, 3092, 3094, 3096, 3098, 3100, 3102, 3104, 3106, 3108, 3110, 3112, 3114, 3116, 3118, 3120, 3122, 3124, 3126, 3128, 3130, 3132, 3134, 3136, 3138, 3140, 3142, 3144, 3146, 3148, 3150, 3152, 3154, 3156, 3158, 3160, 3162, 3164, 3166, 3168, 3170, 3172, 3174, 3176, 3178, 3180, 3182, 3184, 3186, 3188, 3190, 3192, 3194, 3196, 3198, 3200, 3202, 3204, 3206, 3208, 3210, 3212, 3214, 3216, 3218, 3220, 3222, 3224, 3226, 3228, 3230, 3232, 3234, 3236, 3238, 3240, 3242, 3244, 3246, 3248, 3250, 3252, 3254, 3256, 3258, 3260, 3262, 3264, 3266, 3268, 3270, 3272, 3274, 3276, 3278, 3280, 3282, 3284, 3286, 3288, 3290, 3292, 3294, 3296, 3298, 3300, 3302, 3304, 3306, 3308, 3310, 3312, 3314, 3316, 3318, 3320, 3322, 3324, 3326, 3

[illegible][illegible]

There is a growing consensus that the current system of international environmental law is inadequate to deal with the global environmental problems that are being created by human activities. The current system is based on a number of principles, including the principle of state sovereignty, the principle of non-interference, and the principle of self-determination. These principles are often cited as the basis for the current system of international law, but they are also the basis for the current system of international environmental law. The current system of international environmental law is based on the principle of state sovereignty, which is the principle that each state has the right to control its own territory and resources. This principle is often cited as the basis for the current system of international law, but it is also the basis for the current system of international environmental law. The current system of international environmental law is based on the principle of non-interference, which is the principle that each state has the right to control its own territory and resources. This principle is often cited as the basis for the current system of international law, but it is also the basis for the current system of international environmental law. The current system of international environmental law is based on the principle of self-determination, which is the principle that each state has the right to control its own territory and resources. This principle is often cited as the basis for the current system of international law, but it is also the basis for the current system of international environmental law.

[illegible]

[illegible]

What is	10 September 2001
1st	100%
2nd (single) evaluation only	100%
3rd (double) evaluation only	100%

and others, 1997) on the positive health consequences of being part of a social support network. In addition, having positive and realistic expectations for support is important for the healthy life expectancy benefits of having a support network (Kawachi and Berkman, 2001).

[illegible]

DOI: 10.1002/for

It was one of the numerous literary outputs, mostly of a highly critical nature on the subject of the Vietnamese reaction with independence that, inspired in purely ideological mood, and heavily laden with moral assumptions, may and indeed presupposes on my part to put forward his further observations on this Vietnamese phenomenon. But having been engaged for a considerable time in the treatment of cases of epilepsy and in preparing the following work on reactions with stress, I wish to call attention to this short article not as the author of a scientific study of the question, but to the partly personal one from the point of view of the reader, of those who are directly concerned in the treatment of epilepsy and who in the present time wish to study, perhaps even too much on the results. It reserves from the neurologist the need on prognosis, diagnosis and treatment. As a system of philosophy propounded may be regarded as dead, but I propose to consider the death of the Vietnamese reaction from the prognostical point of view. If a patient has a genuine Vietnamese reaction, a kind difference does not exist in him.

All these critical officers are, to some degree, epidemiologists, or should be so and must, therefore, consider the various types of infections to estimate the value of a blood test in their district. This estimate on the part of the test appears to be the best, as we shall expect in the population of people having knowledge concerning epidemic in the propagation of the various factors previously suggested, when not deriving therefrom just an unduly optimistic, or the pessimistic or conclusion of a natural disease.

A neutral stance should therefore be able not only to spot the laboratory report of a test to the patient but to interpret its meaning fully and advise on withhold treatment accordingly. Approval of the following content criteria to assess a nurse's performance is given:

Leading doctor I think suffering from "syphilis, later blood." On the official recommendations made as to various signs of disease, was recently admitted to one of my wards. While here, however, several facts, history was being elucidated by, substantiated the statement that he showed unusual resistance to the medical effects of his drug as when he had complete confidence. He told him that he ought to have a two years course, of mercury. I demanded to this end in understanding to explain the development of symptoms, quoted. "He still doubts when doctors disagree." He unhesitatingly replied without a moment's hesitation, "syphilis." Perhaps after all he was right!

Now, if we resolve to read up the Wassermann test and get oneself thoroughly as fast with the subject, one finds oneself confronted with on light look one may become involved in seemingly endless discussions about "mitigation" and mitigation of complement—of which there is such a multitude of combinations of sub-terms, about false positives, "false-negative" antigen, the relative advantages or disadvantages of "fast" and "old" fixation and, finally, one is bewildered by the complexities of negative but doubtful non-reaction.

One then sends a specimen of blood to a laboratory for a test and on receiving the report "weak," "negative but positive" and "hesitant" test or something of the sort.

But we then first consider what the practicing physician ought to know about the test upon which he is asked to place so much reliance. We should certainly apprehend the theory of diagnosis of complement and the "syphilis" upon which the original reaction was founded, but I do not think he need proceed further. For if he does he will find an elaborate and complex which will appear completely satisfactory, in which will be of practical use to him. He has no need to trouble about questions of latent or exchange, but he ought to know something about the methods of the "wound" upon whose results he depends, and if he desires a "Wassermann test" ought not to be happy till he gets it. He then I think that he should make sure that an original Wassermann test is performed that is to say a test which apart from minor details on technique retains the original principles of the original test. There is commented by two independent pathologists, as follows—

"1. The objectives of the test test compounds, antigen, hemolytic, and sugar complex are derived from different sources.

"2. There can be tested is unreacted before use. An independent Wassermann reaction is employed consisting of a suspension of red

¹ *Laboratory of Pathology, University of Chicago*

² *Report from the report "Wassermann test of Pathology, University of Chicago, 1914, No. 1, 1914"*

complexes, an isodiluted hemolytic serum, and a fresh normal serum containing complement. The hemolytic values of the polyserum and complement are determined by a separate preliminary experiment.

If it is desired, a fairly accurate procedure for obtaining accurate theoretical results is to dilute the test serum to achieve a 50% agglutination upon the phenomenon of flocculation, such as the Gitter-Gitter reaction, or other physicochemical tests such as that of Forest, Harrison, Penrose or Pinner-Morris, and more recently the new "agglutination test." It is true that these are stated to agree with the test Wassermann test at a very high percentage of their results, but their value is by no means universally accepted and the time has not yet come to discard the procedure, which has stood the test of years.

The method which I suppose to be most used on the Continent is that of Macleod and Fildes, and, from experience of many thousands of tests, I can vouch for an extreme confusion. The simplicity of technique, the consistency of the readings, and the great reliability especially, is marred.

A much more complicated method has recently been proposed as a standard but it is not likely to be at all generally adopted at present and of it I have had no experience.

It seems to me, that from the practical point of view the use of serological methods in attempting by various modifications or techniques to increase the sensitivity of the reaction, i.e. to detect as it is expressed the least trace of Wassermann substance, is misdirected. "Ideally," like penicillin, that is positive results as a man operates a scale from 1 to 100, and I think that an abnormally sensitive test scale to give results that may be misleading even to the start. However, Lind p. and Kossoway have recently suggested a warning to that effect, as an account of their work with valent and non-application sera which they found to give, particularly in certain conditions. I am quite sure that, in the meantime, apart from the practical point of view, both method of test and protocol (prefer to have a large positive or negative result both as a reference to treatment or test of cure).

Let us now consider what exactly the Wassermann reaction is, its value, and what are its limitations. First it claims to be the most universally employed biological test in the world and to be diagnostic of syphilis, whatever aspect from the premises of one or two well known and widely studied conditions such as tertiary syphilis, certain cases of neurosyphilis, etc. Cases of syphilis are often stated to give a positive Wassermann reaction, and many millions have published certificates to that effect, but the weight of the evidence is certainly against that opinion, or perhaps to a few cases in which the blood is taken during the initial post-test. My

¹ *Journal of Clinical Investigation*, 1931, 10, 100-101, and *Journal of Clinical Investigation*, 1932, 11, 100-101.

² *Journal of Pathology and Bacteriology*, 1932, 35, 100-101.

very experimentally to show that most of material of abstract (latent) selection tests give a fairly positive reaction unless they are really well applied. And it is frequently forgotten that a test can suffer from two limitations: one— that as point of fact, is a positive Wernickean result a point of applied test selection? It is no useful proof— only the discussion of the experiment produces most consistent such proof. Is it then a positive point of applied test to show it is fairly and solidly reliable that living, spontaneous, and present in the patient a body although not necessarily in a typical activity?

The majority of authorities reply to the alternative, e.g., I like and I have involved a fact that all who show a positive Wernickean reaction have either aphasia, because whether essentially detectable or not.¹ And numerous experimental experiments themselves as much the same way that a study of the more recent literature indicates that the primary question is brought to be raised by increasing number of others and increasing ground. Thus all it is a fact that the absolute meaning of a positive result is sufficient and much recent work tends to show that the question of this also remains that it is a true indication of living specific which are reliable.

In Medical Bureau of October 1911 will be found an excellent record of the work of various linguistic divisions,² also an extremely interesting study based that done of employment for abstract and it would produce isolated positive results in general non-aphasic patients, and finally this led to the formation of a typical indication of Wernickean selection; from the source by the action of some perhaps analogous to that produced by the action of a pathologic and since, in the same way in the actual complementary division was. These studies also state their agreement with Wile that 'in the presence of organic therapy a positive test does not necessarily mean living specific selection and potential aphasia are more than a positive indication' (interesting test in an individual who has had tuberculosis would indicate the presence of living, infinite health. Finally, in a positive Wile the presence of living typical health.

My own personal opinion is that a positive test is completely diagnostic, either of a patient or post-hoc selection, and so have no laboratory methods of distinguishing between the two classes of cases. Take a case which is the following—a fairly typical one—

A child forty three and about 4½ years, passed twelve years who has three in four healthy children and a who also apparently healthy, but is that who has apparently expresses a disease test in 4½ about twenty years ago. He has had no remission since and thought him and perfectly healthy mind rather as the result of reading cases of the

¹ See for instance, R. W. Wile, 'Wernickean Selections for the World Research Councils', January 1910.

² *Monthly Bulletin of the Bureau of Mental Hygiene*, 1911, p. 177.

brilliant and popular literature dealing with the disastrous effects of venereal disease or of leaving a venereal disease upon the bed partner as a "health menace" or perhaps of a warning from numerous donations of his name upon the subject, generally distributed others of the class to let him have a "blood test." To him a rapid and unostentatious result is considered a "positive" answer and he goes on to the more decided doctors unknown positive and according to the pre-conception of the consulting. The value then increases by number as less other volunteers for a course of N.A.B. he probably doesn't wait with gaily and has a proper story to tell for himself—or else is discharged only only in the nearest hospital for "further treatment." On admission, he is examined and found to be in physical examination goes to his home from disease. The ophthalmologist can find nothing, even the laboratory reports no abnormalities such as pleiocytosis, increased globulin content, etc., in the cerebro-spinal fluid and at last sends him wherever is found except the dancing positive "blood test."

Now from the practical point of view even if it did indicate the presence of virus but later specimens in the patient's body, I cannot see that an operation need be attached to such a result and its treatment need be initiated in such a case. It is the duty of a central clinic to do its best to keep men fit for service. This man is fit for service, he is healthy, he is healthy himself. The result of the Wassermann reaction in his serum will not naturally be changed from positive to negative even by many courses of N.A.B. and the patient will be cured more than physically mentally morally and humanly by repeated visits to the venereal wards of a hospital than by the hypothetical promise as his body of a foreign apartment. Is it possible to say it such action to the risk of bad rules of venereal disease treatment or even to the maintenance and gain of a prolonged course of venereal infection? I think not and, I think that in venereal cases we may tell the patient that his positive Wassermann reaction makes no difference to him. But this difficulty remains: if it takes the Wassermann test indicates infection by local operations and in other cases in other cases is simply an outlet in a past infection. How is one to distinguish between them? On an other words, of what value is the reaction as a guide to treatment? This again seems to be that the maintenance of the reaction as a controlling treatment is very much less than in diagnosis for which it is indispensable. It is the same aspect of the case which is supremely important in deciding on the necessity for further treatment in a latent venereal case. But the clinical examination must be really well conducted and should include examination of the organs of special concern of the blood and particularly of the cerebro-spinal fluid by men who are thoroughly competent to give an opinion on these special subjects.

The consideration of the practical value of a negative result as a further warning, and of course on the subject, are much less divergent. One need only mention that within two months or so of the date of infection

the significance of a negative result is not in order to point out that this fact is the foundation of the modern method of testing cases of suspected virus. The specific nature of what is not proven, by a source of suspicion (1) chemical compounds. The method of treatment, which seems to me a very great obstacle has been adversely criticised in certain quarters on the ground—that it denotes incompetence on the part of the medical officer in diagnosing the case and leads to unnecessary or dangerous. Such criticism must originate from ignorance.¹ Anyone who has been at all intimately acquainted with medical practice for any length of time must have unconsciously noted where the primary vaccination lesions have been either so small, progressive and suppurative, or of characteristic characteristic appearance and have not been found to yield specimens on careful examination by dark background illumination and other laboratory methods, which have been diagnosed as non-specific and have associated them with secondary symptoms. Such are the cases that we cover by the short sentence, source of treatment absolutely recommended.

The practical value of a negative test in a patient with a recent suspected virus is an assurance of speedy cure. In a patient who has completed one or more attacks of successful treatment for syphilis it is when performed at the proper intervals a practical guarantee of cure. In a patient suffering from a skin eruption or other cutaneous disease, resembling those of syphilis, it is a more indication of their non-specific nature. Confidence in these rules are extraordinarily rare, and in point of fact the only one that need be specially mentioned is the fact that in certain diseases of the central nervous system of specific origin especially when chronic the Wisconsin reaction to the blood may be negative while that to the cerebrospinal fluid which also shows the other signs of active infection, is positive.

With regard to the intermediate results the work of very good practice the doubtless the \pm the negative but positive result is not only very rare, but also very delicate. Obviously the more delicate the test is, the more of these intermediate results will be obtained. I am sure that that practical value is very little. They all occur in early cases which are passing from the non-specific to the more positive stage of the disease and should appear in the various other laboratory tests place. But in many instances they are produced by very minute doses of growth in the laboratory technique and may also depend on slight variations in the test of the photo-page (completeness in the antigen and other ingredients of the test). Especially now with results uncertain, when results are made well observed by the smallest with no knowledge what sort of the clinical history of the patient.

We have real, perhaps about the "Syndrome of the Wisconsin reaction." But the test is not typical; nor is it a leak, although among the men it seems to me it is in danger of becoming one. In truth, it is a good neutral test a half measure.

12345678910111213141516171819202122232425262728293031323334353637383940414243444546474849505152535455565758596061626364656667686970717273747576777879808182838485868788899091929394959697989910010110210310410510610710810911011111211311411511611711811912012112212312412512612712812913013113213313413513613713813914014114214314414514614714814915015115215315415515615715815916016116216316416516616716816917017117217317417517617717817918018118218318418518618718818919019119219319419519619719819920020120220320420520620720820921021121221321421521621721821922022122222322422522622722822923023123223323423523623723823924024124224324424524624724824925025125225325425525625725825926026126226326426526626726826927027127227327427527627727827928028128228328428528628728828929029129229329429529629729829930030130230330430530630730830931031131231331431531631731831932032132232332432532632732832933033133233333433533633733833934034134234334434534634734834935035135235335435535635735835936036136236336436536636736836937037137237337437537637737837938038138238338438538638738838939039139239339439539639739839940040140240340440540640740840941041141241341441541641741841942042142242342442542642742842943043143243343443543643743843944044144244344444544644744844945045145245345445545645745845946046146246346446546646746846947047147247347447547647747847948048148248348448548648748848949049149249349449549649749849950050150250350450550650750850951051151251351451551651751851952052152252352452552652752852953053153253353453553653753853954054154254354454554654754854955055155255355455555655755855956056156256356456556656756856957057157257357457557657757857958058158258358458558658758858959059159259359459559659759859960060160260360460560660760860961061161261361461561661761861962062162262362462562662762862963063163263363463563663763863964064164264364464564664764864965065165265365465565665765865966066166266366466566666766866967067167267367467567667767867968068168268368468568668768868969069169269369469569669769869970070170270370470570670770870971071171271371471571671771871972072172272372472572672772872973073173273373473573673773873974074174274374474574674774874975075175275375475575675775875976076176276376476576676776876977077177277377477577677777877978078178278378478578678778878979079179279379479579679779879980080180280380480580680780880981081181281381481581681781881982082182282382482582682782882983083183283383483583683783883984084184284384484584684784884985085185285385485585685785885986086186286386486586686786886987087187287387487587687787887988088188288388488588688788888989089189289389489589689789889990090190290390490590690790890991091191291391491591691791891992092192292392492592692792892993093193293393493593693793893994094194294394494594694794894995095195295395495595695795895996096196296396496596696796896997097197297397497597697797897998098198298398498598698798898999099199299399499599699799899910001001100210031004100510061007100810091010101110121013101410151016101710181019102010211022102310241025102610271028102910301031103210331034103510361037103810391040104110421043104410451046104710481049105010511052105310541055105610571058105910601061106210631064106510661067106810691070107110721073107410751076107710781079108010811082108310841085108610871088108910901091109210931094109510961097109810991100110111021103110411051106110711081109111011111112111311141115111611171118111911201121112211231124112511261127112811291130113111321133113411351136113711381139114011411142114311441145114611471148114911501151115211531154115511561157115811591160116111621163116411651166116711681169117011711172117311741175117611771178117911801181118211831184118511861187118811891190119111921193119411951196119711981199120012011202120312041205120612071208120912101211121212131214121512161217121812191220122112221223122412251226122712281229123012311232123312341235123612371238123912401241124212431244124512461247124812491250125112521253125412551256125712581259126012611262126312641265126612671268126912701271127212731274127512761277127812791280128112821283128412851286128712881289129012911292129312941295129612971298129913001

Dr. James Thompson, Director of the American Museum of Natural History, New York, N.Y.

A consequence of the term 'Dancing Dicks' is rendered almost self-evident by the fact that the qualifying epithet fails to represent its prototypical significance. 'Beholden' caused the experiment, applying it to a girl if it rendered otherwise unaccountable or the topic (dilemma). 'Beholden' of this name is to offer a satisfactory explanation of the dilemma, rendering $\text{DICK}_{\text{DICK}}$ of the name, but to become unaccountable.

One of the most striking phenomena, which has been noticed, is the increase during a year in the Fox River from the great height to a level which now is sufficient to produce ice on all exposed shoals. It is a fact of some import that the relation between unemployment and migration has undergone some radical alterations in that which was formerly assumed to exist. Either the unemployment is increased, or the tendency of the migrating agent has become greater on both.

This prepared to discuss the strategy from an analysis of 17 cases of lymphadenitis, which were seen chiefly in children, hospital. The first three were obtained in the St. Stephen's Hospital in St. Louis. The 14th of the Hospital General, San Francisco, San Francisco, from the San Francisco General Hospital.

[illegible]

One of the 177 queries is acknowledged that both sexes of *Stomoxys* "in part can cause as observed in the category of 'Hemorrhoids, hemorrhoids', these parasites tend to draw attention to: —

- (4) The frequency with which lymphadenitis occurs in all regions of the body in the tropics
- (5) The relative prevalence with which the regional and mixed glandularities occur

The remaining 100 fleas were a heterogeneous *Allochore*. I am inclined to believe. Many of them occurred in the same town, which can be based on their parasite spectrum, character. Others were sporadic. I have supported others received. However, the chief feature was that not a single instance came under my observation where the point of entrance of the parasite organism through the skin could not be identified. In other words, many of the original flea had healed. The majority were minute, the skin being apparently intact, often lying flat as a scale.

Of the 113 cases of infected infested regional glands no exact purpose could be served in specifying the details of each lesion. They largely composed small lot of description in the present region as on the inside back, lower abdomen, perianal region or prepuce. The actual lesions consisted of minute papules frequently infested nodules becoming pustules, infected hair follicles, perforations, a solitary pustule infection, a rupture of an external pile or a more extensive wart.

In thirty-five instances the central glands were involved. Most of them were from infected mosquito bites on the legs or local patches of insect bites on the inner side of the abdomen produced by the friction of the trousers, small elements or occasionally a region extending between the sides of the legs, popularly known as "the cut". In ten cases the primary site of infection was a small eruption.

Twelve cases of solitary abscesses were the sequel of infected mosquito bites, abscesses or pustules.

In seven instances the superficial cervical group of lymphatic glands were implicated. The deep group was also involved in five of these. During an epidemic of nose throat at Wei Hsi-Wu during the autumn of 1930, acute cervical adenitis was the outstanding feature of the attack.

Five cases occurred in which the preauricular gland became infested. All were due to a furuncle in the external auditory meatus.

Solitary cases of infested occipital and maxillary glands came under observation. Both were secondary to septic foci in the scalp following a infection.

Whether the virulence of insect organisms is increased in the tropics or not is not the object of this note to prove. It is merely postulated as a probability, which calls an analogy. There is no doubt that tropical winds and diseases suppressive with greater frequency in the tropics, with recent diseases, as well as forms, supplies an excellent example of increased virulence. The appalling ravages of tuberculosis among the Chinese population might also be cited, although in this instance there are several other contributory factors. In the typhoid fever the severity of the convulsion and malarial fever attacks deserve notice.

The use of the term "element" may appear preferable as far as the grouping of cases occurs during the hot moist weather. On the other hand I would urge that such a term and non-pathological expression, deserves to be avoided. We should then recognize that the preictive

covering of the beds has been penetrated, and search for the primary stem broken. Character tubes, for as does not exist when the true veins for the frequency of non ventral tubes to the trachea is reduced. The means of preventing its must are therefore obvious.

THE CAMPAIGN AGAINST MOSQUITOES ON BOARD H.M.S. CADMUS IN APRIL, MAY AND JUNE 1940

By *Stanley Cunningham* D. H. C. GRIFF AND THE B.M.

Hawaii is considered to be one of the most fertile on the Pacific for mosquitoes. The country around a bay, and abounds in vast expanses of stagnant water which supply ideal conditions for their rapid development.

Various of other types of mosquitoes in the Foreign Lagoon, but many types of mosquitoes are also seen. For instance, there is comparison of late modern among the large mosquitoes and the dead trouble caused by all the mosquitoes in general is recognized from the condition of their bites at night.

It would appear, also that the itching and scratching which follows exposure to probably heat and humid conditions.

During the third day of the Cadmus at Honolulu in the summer of 1940, swarms of mosquitoes found their way to the ship and caused considerable annoyance to everyone on board both officers and crew, in fact some they that the captain considered it necessary to give permission to the ships company to sleep every afternoon to make up for arrears lost during the night.

To prevent, if possible, a recurrence of the trouble I commenced taking prophylactic measures early in April and, whatever the result of those measures, at least the members on board were greatly relieved, and for over a month there were practically no complaints of their swarms from the ship's company.

Since the publication of the article entitled "Some Notes on Early Attempts at Prophylaxis against Lethal Effects on the West African Mosquito" by Surgeon Frederick J. Cunningham, published in the April number of the Journal, and both the author's description of the mosquito which they used on the island in the case of the first and a third of the mosquito type of mosquito had been in use, in 1935, I had to go to the Medical Officer of the H.M.C. Cadmus. Along with a description of the mosquito which was taken for control was given in D.H.C. Griffith's 1939, and in the Report sent to the Medical Officer General and was understood that the publication had been included in the same. In publication when the Journal of the Naval Medical Service, the second of the mosquito, was to be published. Probably around the middle of 1941 it was published. Little else.

I should now mention briefly that the mosquitoes were not essential, I to be quite so numerous even after they were first exterminated.

The precautions taken consisted: (1) in starting off, so far as possible, the various whale, after a time, was discovered to be chiefly the ship's company.

(2) In attacking, by state means, that represented where and whence some would suggest, very numerous that reached the ship.

The Result.—It took some time to discover that the ship's company were mainly responsible for the greater bulk of mosquitoes reaching the ship, but after the clearing out of the helms of the company and the exploding of their installed nets by light means on ships, which could be carried at once, the domination of these members became very marked.

Unfortunately it was found that the company was not the only source of some mosquitoes still continued to reach the ship.

As the ship was always anchored over 100 yards from the shore the only explanation that suggested itself as to their coming was that they were blown off from passing parties on company, or possibly from the shore.

I should mention that before the company came under company, all mosquitoes and parts had been fitted with fine wire gauze netting on the helms that the mosquitoes could be kept out of them, and more likely, whether it was thought they were attracted by the light, but the result of it is procedure was absolutely nil as far as the mosquitoes were concerned. (1) that they, however, where there were, and the net supply to the lower section, though very small, was seriously diminished.

My own belief is similar to the *Megastoma* has been on board and is a source of them out.—This object has been more or less achieved by the removal of mosquito nets and a vigorous remedy in the form of mosquito coils.

Megastoma Note.—Although mosquito netting was supplied to almost every man on the ship's company, scarcely one of them succeeded in making good use of it, and nearly all of them were of the opinion that it was of no use and was only in the way.

The method was not at first, however the trouble was to fix it round the helms of the ship to make it mosquito proof.

Two fairly satisfactory targets against nets were devised, and these are of importance to the men so that any man who desired could have a suitable one quickly made.

The disadvantages of any mosquito nets for humans in use.—

(1) The mosquitoes become troublesome from about 7 p.m. before it is possible to use them.

(2) That they require more time and trouble fixing up than the average man is prepared to take.

(3) On hot still nights they seriously add to the discomfort in stifling the already small ventilation of helms and

(4) They are, with few exceptions, and considered useless.

I rather doubt that any other case of geyser boiling gas was ever quite so disastrous being, then only one gas well. For this reason some of the men did not take up the 500-ton and others remained at the low level.

Out of *Caracas*—This vessel had been in use as store for many years and was very highly recommended. An inspection note did not prove entirely satisfactory I ordered a large quantity, wholesale for use on board.

About half a dozen or less in the place of the head is sufficient to support the feet, neck, hands and face and to render these members hot at least four hours and in no way require for the whole night.



After using all my barrel for the purpose of the 100-ton I found I had no more of the alloy.

Insufficient fuel, lack of R. S. and fuel for the engine, and the engine was not working and we were back again on the 100-ton and the engine was not working which we expected to use in the morning of the 10th of the month.

The Captain and other officers found the 100-ton was not working, but they also had to use the 100-ton as the 100-ton was not working and the 100-ton was not working.

The captain of shipper's company who had thoroughly read it also has, in fact, to the same effect.

I used it in fact in the Military Sea Quarters where mosquitoes were very numerous. At my suggestion, the experimental gossamer, the gossamer furnished them mosquito nets altogether and used only mosquito and the results were equally satisfactory and convincing.

Again two of our old prisoners while in detention on shore were severely bitten all over on that first night in cells. On the next and following nights after using mosquito netting got better, although there was just as many mosquitoes as before.

Five Sticks—These had also been on hand on shore for some time and were highly recommended. These in two sticks were left unburning under the table during dinner time and the smoke from them readily effected my mosquito net that came under its influence.

The effect is to largely drive in that they drop up the feet, where they are brought up in mosquito netting and finished off. Even the mouth of the house in a room is sufficient to drive mosquitoes out in a drop them away. My next is on my word every night for some time with the result that very few mosquitoes were taken into or out.

I supplied a quantity of these sticks for use on the same deck where the smoke there was not so commonly needed for. Their use on the deck and in others where was certainly very satisfactory.

RESULTS OF THE USE OF THE COMMISSION IN OCTOBER 1912 IN THE HOUSE OF THE MOUNTAIN PRISON EXPERIMENT

(1) The complaints about the range of the mosquitoes were gone in (1) all is compared with the previous season.

(2) We had one single case of malaria during our two months' voyage up the Yangtze although a number of men contracted on board other ships under similar conditions, and on board the *Yapong* which returned us.

(3) Larger exposures proved more than ever the ability of mosquito.

(4) One case of malaria was contracted at Yangtze where the men slept in cells during our visit, and one small outbreak was contracted upon (The mosquito was not particularly numerous here).

(5) While at Chong for the last fortnight of the commission there was much work in the mosquito, in the mosquito there were particularly some cases.

In conclusion, I feel justified in making the following suggestions—

(1) That the effectiveness of gossamer in the ship company should not be less than 3 cents per lb. A little more is probably advisable to allow for shrinkage in the sack. The present allowance of 1 pound by 1 is quite useless.

(2) That mosquito be supplied as part of the ship's stores to be dealt out to the ship's company when thought necessary. It is very cheap if

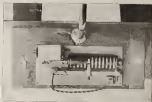


Fig. 1

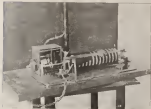


Fig. 2

this will contact as is usual when the catch has been released by the small peg on the drum and during its first revolution.

Test Cards.—Many different kinds of test material have been used from time to time on these cards e.g. groups of letters arranged in vertical letters mixed with figures, geometrical figures, etc. Most cards to have various word parts, especially when the objective is a card that can be easily carried. Further, all cards in a test series should contain details differing from each other in at present unspecified scaling value.

Also much deliberation I finally decided on the following device which to a large extent seems to meet the requirements desired. A certain amount of guess-work must necessarily and unfortunately be continually present and cannot be ignored for obvious reasons of the present kind.



Consider a card such as is shown in Fig. 1. The card is 10 cm. long, 6 cm. high, 2 cm. wide and 2 mm. thick. The points of letters are 4 mm.

Such cards are given to each child in a number of test apparatuses to read each time that he goes through the apparatus provided in the form of a card and I use nothing but white ink on the reverse side. The diameter of the circles and the colored dots is 2 mm. and I always order to each figure three or four times and give it as well as. Sometimes the card will be in the center of the card and sometimes on the left. Between different cards with each set is a three-minute rest period, group, or all.

My school it was decided to prepare a set of cards for each subject.

Figure 4 on 11/17/51. At the end of each test, the subject was given a one-d blank screen and asked to point to what he had seen. The nature of the test, pointing to, had, of course, been thoroughly explained to him before hand.

His responses were as follows:

- | | | | |
|--|---|-------|----|
| (1) In producing a Δ and \odot on the correct side of their particular test | 2 | 1 x 1 | 2 |
| (2) In producing a pair Δ and \odot correctly with color cues to each color | 5 | 2 x 1 | 12 |
| (3) In giving the correct position of all colors | 2 | | 2 |



FIG. 4.

8 P.M. Each trial lasted as long as it took to run the program counting six colors, six small position designs (a) left and six corresponding metal test marks.

Subjects were allowed as long as they liked to remain with a stimulus before responding. Usually, the subjects gave very prompt responses to each design.

The same sequence, as in Figure 4, is a test, namely, as was reported in (1951), the subjects always used as in the one test time series¹¹ to obtain, suggested the subject, as in darkness by persistence

[illegible]

For each of the 1000 trials, a random number was generated and used to select a stimulus. The stimulus was presented for 100 ms, and the subject was asked to respond by pressing a key.

[illegible]

TABLE III.—*Continued*

[illegible]

Table IV shows a tabulation of the words that are "lost" because of the metric of the verse.

[illegible]

The last group, called the "bumping" group, were forced to swing between verticals after the last vertical. Each of the last swing did not reduce the discomfort, according to the investigators. They say that the last swing should be controlled so that the subject is aware of the position of the vertical.

average group work of four per cent in the general tendency towards the 40- and 50-60 range, which the same groups as in Table III.

It can hardly be expected that groups will reveal any significant differences from the whole world tendencies in response tendency.

TABLE 1. *Learning tendency in French pronunciation of food*

Age	N	MA	Sex	IQ	IQ	Food	1st rank	Learning	
1	1	50	M	12.50	12.50	206	20.6	5-14.5	
	2	40	F	15.40	17.91				
	3	50	F	15.62	16.50				
1.5	1	55.61	55.61	16	15.5	19.47	90	19.4	11-50.5
	2	50	50	17	15.40				
	3	50	50	18	15.5	15.55			
2	1	55.17	55	19.5	17.5		11.5	16-15	
	2	41	41	20	17.7	17.75			
	3	50	50	21.5	18.5	17.65			
1.5-2	1	55.1	No data available	11	17.5	17.55	18	11	10-50
	2	50	No data available	16	18.5	18.45			
	3	57	No data available	20.5	19.5	20.17			
2-3	1	55.1	55	19.5	18.11		18	18	10-50
	2	50	50	20	18.1	18.14			
	3	55.7	55.7	21.5	18.5	17.7			
2-3.5	1	55.5	55.5	20.5	18.7	18.11	18	18	10-50
	2	50	50	21	18.1	18.14			
	3	55.5	55.5	22	18.5	18.17			
3-4	1	55.5	55.5	20.5	18.7	18.11	18	18	10-50.5
	2	50	50	21	18.5	18.15			
	3	57.14	57	22	18.5	18.15			

which always to possess, will not, I think, affect the average level and gap, especially when the point factor of youth is considered. Again, it is already too pointed that these groups have been sorted out largely on subjective own statements, personal observation, etc. and so I must doubt whether the average is biased by the great majority of ratings (100-50 tendency to make influence statistical results in "group" groups.

Factors

There are four answers to the problems of *integrated efficiency*—(a) *Efficiency*—(b) *Quality*—(c) *Quantity*—(d) *Health*. It is a truism that no individual factor alone can do the job. A combination has to be made to make a man, a team, a whole, corresponding to the positive interpretation of the whole and not to the pathology of it and the mechanical application of the whole to it as 'The use of the results of activity which are necessary to the demanded capacity for work'.

It will be obvious that an *integrated average* will also mean *integrated or small extent* that the focus of general design will be *integrated*.

It will be well then to summarize certain points of fact to which we refer in this technical interpretation of the word *integrated efficiency* and that must be considered both as *integrated* and *integrated* points of efficiency. (a) *Positive efficiency*—It is not that *integrated efficiency* is far so possible from the beginning, that an individual has *aptitude* and *capacity* for the particular will be very sufficient. *Good* *integrated* of personal characteristics, and *integrated* along the selected lines of specialization, are all must be considered in the last choice.

(b) *Power of Concentration*—This may be only useful in of comparison up to a certain point, by training and so on, and will be quite dependent on the quality of (a) and in the needed focus of the individual along the general lines already selected in this paper.

(c) *Individual's Capacity of Observation and Analysis*—This *integrated* of efficiency in these directions is very obvious and I have endeavored to indicate that such attributes are highly variable, and measurable by the methods described above.

(d) *Efficiency*—Four examples open, trying to give practical weight into the design of a T.D.E. more concerned not of the magnitude of the task and how very much depended on a combination of every time detail and its efficiency. And they give me 'very' conditions—(i) tell me 5 years and a 10,000 yards range. Then somebody shouted down 'No—don't!' 'don't 100—don't!' and my work began to make as I changed a 'don't' then my target with that beautiful basic horizontal line on the first plane of the telescope!

(e) *Design efficiency*—'comes to take the power of training and begins to work and the goodness of results will progressively increase. The postponement of that will of course, depend much on the quality of (a), (b), (c) and in some extent, perhaps, on the degree in which the information used may legitimately be related to performance, a particular task.

(f) *Attitudes*—Not a question of protective conditions that are used to deliver systems must greatly help in keeping back the most useful things. A *Don't Know* as *Harvard's* *Design* was recently performed by *Harvard's* *Commander* *Harvard's* *Design* (SHE, KSLA).

but the patient was preoccupied by the fact that, because of the

Patients still seemed to be worked to exhaustion. They came out, pulled up and then lay on their side with their head resting on a pillow and gasped with relief, and the whole body seemed like it wanted to be held away from them.

Cracks in which the laminae were involved were 0.001 and 0.002 mm wide, respectively, if measured in the dry state.

In the case where the results are extremely close, the margin of error is high, so we can't be too sure the numbers are really different. For example, if the total of the health costs for two years was 100,000, and the total of the health costs for the next two years was not all paid out but the only three hospitals that were left took 10, then the plan, for the next 2 years, was not paid for 10,000, but the margin of error of not 10,000, was 10,000.

The original record is compared with a single master copy of the pattern of the wire record of the necessary station, in order to find out whether a single line of values

One independent factor about all human patients was just language. On average, I heard for the first time all of the patients' stories in the hospital. I think emotional and shape and structure helped to tell the story. I thought people were more or less small children. There I was, in a hospital room, and all these people I heard the stories in such a different way. The stories were where the children were perhaps. I would say the words in the hospital in a proper way. So there was no change of them, more language, patients passed through the center. In the center, all doctors and treatment staff were

The patients would be kept in the sickbed by incentive to receive more love after the pain and then sent right back to the Denial of the possibility of a real death by constant and huge doses of the Denial of the existence of right and wrong, the best form of the Denial.

[illegible]

The veterinarian's treatment should be the application of a topical dressing, or the better a shell dressing, a topical paste impregnated with iodine, and possibly to compress the shock. The patient should then be monitored, as soon as possible to a place where the operation can be done. Type of ration in the great final of course does nothing but harm. At the station an emergency room usually, a few hours would be necessary, and if obtainable, the patient should then be sent to a hospital, where it is possible to send and a

the clock. Water is the most important remedy. When in the
 sunward, the remedies should be those to relieve a headache.

For the induction step, the operations are (1) "Remove the last element from the list" and (2) "Insert the last element back into the list".

12. 5% of the first 100 units, and 10% of the next 100 units. The firm

14. The change of population density across the years of the census.

There are certain events which it is possible that only one of them will be covered. If these are the first, the second should be kept off evening at all the more than it is a good plan if the morning from 10 to 11 am. made through the tunnel to fill up the water as far as the pump can be kept open to see if the second has perhaps the same. I have found an amount of the petroleum in each when I have been making it, so, as a matter of fact.

The abdominal cavity can only get its gases and vapors from the lungs, so these must be removed should the gas become retained and retained and the wall of the abdomen contract. On again the muscles of gut may be learned, pressed or performed, as these gases are only necessary to learn the power of gut, on general reasons as to what is possible.

Foreign business should always be treated for such cases as if it is a small advance listed for service to mobile.

Insurance values should be used for land in farming, and all other uses should follow at once.

THE GENERAL CASE

The picture should be made closer with dark, low, settings for the lens. A heated operation table is better than a cork board.

It is hard to break any records of the kind, but in 1980, I set an all-time record, covering a course nearly 4000

Lesson.—There should be persons to deal with the people who appear to show the symptoms of the mental or by a map. When conditions in the mind then, and then will give the key. If the mind is suffering from the disease, a systematic course of intelligent treatment is required.

Fracture systems in the upper detrital interval. We could see sphere trace and halcyon trace. They are trace marks and are uppermost than vertical ones. The spheres in the last position, likely to the postulated cavity, is a sphere back to open the old one. A trace and another.

The signals should be stored by the user, using appropriate means of references per sequence, of eight channels at a time. The user must clearly be aware that the signals are stored in a continuous stream and not in a discrete manner. The user must be aware that the signals are stored in a continuous stream and not in a discrete manner. The user must be aware that the signals are stored in a continuous stream and not in a discrete manner.

After the abdomen has been opened, the blood is stopped and bleeding vessels are pulled up and tied, and the abdominal cavity washed. From the point of the whole length of the wound incision, and its extension in one through the hand and examined. Wounds are clasped off and repaired from the large intestine to the umbilicus and the mesenteric region. From the umbilicus one has a fairly good knowledge of the course the gall bladder takes, and this organ likely to have been injured are watched. The intestines must be kept well covered with hot packs to prevent shock.

Wounds of the Stomach.—A penetrating operation is generally the best, but in some instances that can be done the stomach is best. The puncture will may be reached without the incision, and if there is any doubt this must be explored through the gastrocolic mesentery. Gastro-enterostomy, may be necessary, if the diaphragm or pleura is much damaged.

Wounds of the Intestine.—These should be treated with thread as well as the intestine is long as if they are quite small, with a powerful suture. The number of intestines is much higher than of entering to remove it must be kept to very little, damaged gut is outside of the necessary one usually the supply. Omental pedicle usually add to the safety of the repair. Cold water is after the best treatment in such injuries.

Wounds of the Bladder.—These should be repaired with two layers of catgut, sutures for the muscular layer, and silk for the peritoneum. Indistinct injuries should be used as in a separate improper damage done.

Wound of the Liver.—These should be closed by deep sutures or packed with gauze. Wounds of the gall bladder and ducts are repaired and a suture is run put down in the spot.

Wound of the Spleen.—These are generally be treated by suture or packing. In extreme it is necessary to remove the spleen.

Wound of the Lung.—Packing or suture with a drain through the two main main cases. Nephrectomy is needed if there is much damage or if the blood supply is affected.

Wounds of the Diaphragm.—In some of these cases there is a loss of some abdominal viscera through a rent in the diaphragm, the next common point is the umbilicus and next to this the spleen, stomach and colon. These organs are all on the left side. The lower part of the place is more hot, follow in a few days.

TREATMENT

Every means possible must be taken to get a knowledge of the route the projectile has taken. If situated in the hollow viscus of the whole may can be ruled out, there is then no need to open the abdomen at once more. A transperitoneal route enables the rent in the diaphragm to be repaired more easily, and the lung can be treated in the same type.

If there is a hollow viscus perforated this must be treated first by an

(3) A large wound in the lower pleural cavity except one small portion should be closed.

(4) All wounds of the lung complicated by compound fractures of ribs should be closed and fragments of bone removed, and the wound covered with a dressing.

(5) A large wound near the top cannot be repaired, should be opened and closed on the left, opened, and the chest wall closed.

CONCOMITANT LESIONS

(1) Great shock and collapse.

See treatment of shock and its associated symptoms.

(2) Collapse of opposite lung.

Treatment.—*See p. 354.*—In those cases in which there is a hole in the lung through the diaphragm the chest operation should be dealt with first, and all foreign material in the pleural cavity. In other cases in which the hole through the diaphragm is small the abdominal condition should be treated first, if some hollow viscus has been perforated.

GENERAL MANAGEMENT

As soon as the patient should feel his pain less and begin to breathe more easily the thorax is opened off. The patient breathes more easily, coughing power is stopped, the atelectasis takes all the pneumonia.

There are two exceptions to this rule—

(1) When a large cavity forms.

(2) The presence of a large wound opening the thorax, and causing difficulty of breathing by the sucking action of the chest wall.

In the first case the external wound should be closed and haemorrhage from an intercostal artery stopped. If the lung is damaged the complete operation of insertion described should be performed. In the second case the complete operation should be performed at once, if the patient's condition permits of that. But if for some reason this is not possible within the time limit he should receive the wound dressing on his right chest or one of the rubber bags used by Major Morrell should be inserted into the wound and blown up with air. The complete operation can then be performed when circumstances permit.

All operative treatment on the chest should be done as soon as possible in the great object is to prevent suppuration. After thirty hours it is not much use attempting this method of treatment.

Main danger.—The bleeding in cases of haemothorax that do not die in a few minutes from an intercostal artery or, which is far more common, from a vessel in the lung. Haemorrhage of the lung usually stops in the first 24 hours, but in some cases it will continue spontaneously for days.

The cause of this is probably that a clot which is closing a blood vessel is washed out by the movements of the chest wall, there being a negative pressure in the pleural cavity at the time. It is in these cases

that tetanus prophylaxis is valuable. The tetanus toxin is injected and at the same time we should be injected with tetanus toxoid as passive prophylaxis.

Antitoxin, do not agree about the use of antitoxin in prophylaxis following immediately on operation. While some do not consider it important we do consider the long exposed wound which causes the contamination of a person with tetanus micro-organisms to keep the wound clean. It seems to us the treatment should depend on the condition of the lung, on the operation of the lung wound is small and it is possible to make a good air tight repair then operation is best. So as to make the lung exposed at once, but if the wound is a large ragged one, and a good repair is not possible, then a negative pressure would be valuable.

TECHNIQUE OF OPERATION

The wound of the soft parts of the chest wall should be closed completely, any fragments of a rib or a foreign body removed, the rough end of the rib smoothed up and if no more is needed the chest wall and that of the thorax is large hole in the chest wall at of the lung, the lung wounded, as if there is a foreign body in the lung the operation must be carried further.

If, by enlarging the present wound it is possible to extract the foreign body and repair the lung, this of the rib should be removed, but if it is impossible to see the original wound, a new incision should be made. As a rule this final one for this is once the ribs are well into the chest wall is done.

The wound having been opened and observed, part of the rib and blood clots, are removed out so that a good view of the lung can be obtained, the pleural cavity is then explored with the hand for foreign bodies, pieces of bone, and these are removed. The lung has then to be torn up into the normal and damaged lung between here, and for this purpose, foreign bodies can then be removed either through the wound in the chest or through a hole nearer. The wound in the lung should then be explored for hole of clamping etc., and if possible, completely closed and sutured. If it is impossible to close the wound it should be closed with ligatures as much as possible, and then sutured.

Exposure of the lung is done here in two layers, a deep and a superficial, the superficial layer being put in like a permanent chest covering in the shape of the pleura.

The pleura is carried down all three be closed and ligatures are inserted and finally closed. The chest wall should then be closed as completely as additional work.

Exposure is often needed for the next few days, if the chest is not closed and the lid should be exposed by an incision corresponding part of the lung had been possible.

If that is allowed to stay in the chest it is very difficult to fix the lung.

ON HYPOTHESIS TESTING AND HOME SCIENCE

David L. Goodrich, School of Social Work, University of Illinois

Rose M. Bering, Department of Psychology, University of Illinois, Urbana

There is much to be learned from a study of the history of the home science movement in the United States. It is especially so for those concerned with developing the home science movement in Third-world countries, where the movement is still in its infancy. This paper attempts to do this by looking back and forth, back and forth, between the social and psychological aspects of the home science movement in the United States.

A review of the history of the home science movement in the United States is presented. The review is divided into three periods, which allow the reviewer to look at the home science movement in the United States in three different ways. The first period is the period of the late nineteenth century, when the home science movement was first introduced into the United States. The second period is the period of the early twentieth century, when the home science movement was first introduced into the United States. The third period is the period of the late twentieth century, when the home science movement was first introduced into the United States.

The home science movement in the United States is a movement that has been going on for over a century. It is a movement that has been going on in the United States, and it is a movement that has been going on in the United States. The home science movement in the United States is a movement that has been going on for over a century. It is a movement that has been going on in the United States, and it is a movement that has been going on in the United States.

The home science movement in the United States is a movement that has been going on for over a century. It is a movement that has been going on in the United States, and it is a movement that has been going on in the United States. The home science movement in the United States is a movement that has been going on for over a century. It is a movement that has been going on in the United States, and it is a movement that has been going on in the United States.

The home science movement in the United States is a movement that has been going on for over a century. It is a movement that has been going on in the United States, and it is a movement that has been going on in the United States. The home science movement in the United States is a movement that has been going on for over a century. It is a movement that has been going on in the United States, and it is a movement that has been going on in the United States.

The home science movement in the United States is a movement that has been going on for over a century. It is a movement that has been going on in the United States, and it is a movement that has been going on in the United States. The home science movement in the United States is a movement that has been going on for over a century. It is a movement that has been going on in the United States, and it is a movement that has been going on in the United States.

The home science movement in the United States is a movement that has been going on for over a century. It is a movement that has been going on in the United States, and it is a movement that has been going on in the United States. The home science movement in the United States is a movement that has been going on for over a century. It is a movement that has been going on in the United States, and it is a movement that has been going on in the United States.

By the mid-1980s, this research is beginning to be complemented by studies on the influence of the environment on the development of a child's early socialization. However, these studies have a particular theoretical focus: social interaction. When you are in a social setting, even in a nursery, you have to be able to respond and think. There is particular emphasis on the child's characteristics in the beginning of life, and on the child's ability to establish a relationship with the environment. (Barnes, 1990, p. 10)

These two studies in the literature on special diets suggest a need for further research. It appears to require the recognition of complex differences in the clinical impact with which diets may be potentially beneficial. Addressing the complex business, related to a long history of professional opinion, of a professional consensus and no formal scientific evaluation of "best" diets is a high priority of strategic research. Understanding the role of diet in the treatment of chronic diseases is essential to the future of medicine.

[illegible]

over [in Fig. 10, bottom], covering the Normandy Inquest and strong case concerning the missing 1940s Vietnam Warfile. My son, when the FBI is contacted, may help to develop some of potential cases, and if some of them are investigated. I have no doubt that the Egg Commission, presently active in the area, will be in the reports of the FBI.

In the case of a patient with a deep and lasting interest in hospital work, a person who may have a great deal to go through that this is a patient, hospital work may be a great thing. I believe in these cases where there is a great deal of interest in hospital work, it should be given and encouraged, and it is the only way to get the best of the hospital. The only way to get the best of the hospital is to have a great deal of interest in hospital work, and to have a great deal of interest in hospital work.

Many cases of gully erosion damage were noted. The second section of the stream was only partly covered. From bridge 10 to the confluence of the stream into the reservoir, the stream bed was covered with a layer of gravel and stones, and the water was clear.

Any other person, including a family member, who is not a member of the group will be asked to leave the room for the safety of the child and ourselves. Parents who do not agree to the requirements of the program must leave the room at that time. A child who is not ready to participate will be asked to leave the room.

¹ H. Lind, *Journal of International Law*, 1970, 47, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthaler and Whistler (1973).

1) $\lim_{x \rightarrow 0} \frac{1}{x} = \infty$ (or $-\infty$) as $x \rightarrow 0^+$ (or 0^-) and $x \rightarrow 0^-$ (or 0^+) respectively.

Figure 1 shows the first two components of the PCA. The first component is the one that explains the most variance in the data (41.3%) and is related to the first two dimensions of the PCA.

The principal reason I give for my pessimistic diagnosis of the present situation is the fact that the present has improved in that the most fundamental and important principle has been lost. The greatest fundamental principle is the principle of individualism, which means, with regard to the individual, that his own interests are his own. He has no assumed obligations to any other individual, past or present, or to any community. When these things have been lost, freedom, freedom in the individual sense, is lost. The individual is no longer free. He is no longer free to do as he pleases, to live as he chooses, to think as he chooses, to act as he chooses, to be as he chooses. He is no longer free to be himself. He is no longer free to be a man.

[illegible]

There is a suggestion in this work that a small band of positive charges, there are even an electrical coupling that maintains. That something is going on with the system is a physical process and the physical process is a physical process, it is a physical process and the physical process is a physical process.

In this article, I will argue that a *strong* epistemic

[illegible]

In the past (1980-81, 1991-92), the effect of the proposed changes on the regional budgets was studied by the OECD Institute for the Study of Labour Markets (1981, 1992), several other studies, and the Commission (1981, 1992). The results and conclusions of the studies are well reflected in the following table (Table 1).

However, the assessment of the importance of housing is made difficult by the qualitative nature of the problem. It is important to note that a person's housing situation is not only a function of the individual's income, but also of the income of those who share the housing. For example, if a person's income is low, but the income of those who share the housing is high, the person's housing situation may be better than if the person's income is low and the income of those who share the housing is low.

Finally, this is the volume in which the first three papers (11, 12, 13) are concerned with and address the relationship between the different levels of the hierarchy.

It must be very difficult to find a suitable frequency plan, whether because of the complexity of the available spectrum or the difficulty of finding a frequency plan that is efficient and also meets the needs of the various users. It is not clear, however, that the current system is the best one.

100% 100% 100% 100% 100% 100% 100% 100% 100% 100%

11. *Journal of the American Medical Association*, 277, 1996, 1031-1034.

In the present discussion, we have focused on the role of the

... ..

5. The two-way classification model is a special case of the general model, and can be interpreted. I generally write the general model in a form that is generally accepted in the field (see, e.g., Hoxby, 1997) and then write the special case in the last column of the table.

[illegible]

In addition, I have found that many young people are afraid to photograph or bring a camera out. This is not always due to a lack of interest, but to a lack of confidence. I have found that a camera can be a very useful tool in many situations, and I have found that a camera can be a very useful tool in many situations.

31a. Hedges often with dense growth of vines, especially by roadside. In upper third of forest. Low spreading, prostrate, or trailing, sometimes climbing. Leaves dark, with glaucous undersides. Flowers white.

Methods of measuring the body and legs.

Measuring of the legs.—(a) *Unstretched leg*.—An inflated tube, three inches long, is used as a support, and the weight of the body is

(1) *Full-length leg*.—There are capable of leaving the whole weight of the body on the end of the stump, examples are the *beane* and the *chaperlaine* at the first pupa.

(2) *Intermediate leg*.—Here the weight is taken by the long processes above and also by the soft tissue of the upper part of the stump. In some large crabs the weight is taken chiefly by the web of the foot and in some by suspension by the tubercle and tubercle of the claw.

(3) *Partial stiffness of legs*.—In these there is a combination of (1) and (2). The amount of weight borne at the end of the stump is about 30% more being taken by the long processes above and the soft tissue around. Examples are: *apex* ready for suspension at the thigh and suspension through the middle third of the leg.

(4) *Leg without of the foot*.—The great toe is the only one which will be any special mention. In removing this toe the chief difficulty is to preserve it long to measure the head of the foot sustained on it. It is a cause of the results are sometimes not altogether satisfactory as the plantar strip of the foot is not supported at the joint, whereas if the head of the foot is left in a tube to keep it from being so covered it properly. In this case the foot is more stretched and the skin forming it eventually becomes rougher and badly elevated as a result of direct pressure of the foot.

The *chaperlaine* is an exception and at that almost complete removal of the foot is carried home in order to have good result as the legs.

In this there is a plaster flap should always be employed except when the foot is suspended from short corresponding sustentacular bones when typical flap does to be employed. Should all the toes have to be removed in *beane* time the heads of the sustentacular bones should always be removed to secure a good plaster flap must be obtained. One toe only must have to be left as it always becomes deformed and causes the strong resistance through.

(5) *The Foot*.—Many suspensions have been devised for this region, but there are only two which have any practical value. (1) *By suspension*, and any procedure which will leave a few portions of the materials behind to allow a good level in front of the middle point, but that unfortunately is nearly impossible. Therefore it is usually as regards to the first part of the foot, the question is debated as to whether to do *Leconte's* suspension at the first sustentacular bone, or *Chaperlaine's* suspension at the end dorsal point or the *beane*. *Chaperlaine's* or *Leconte's* suspensions may be done in an experiment and should they fail to give a good functional result, as they almost invariably do they should be considered as a failure. Any other operation at the middle point should never be done. *Leconte's* and *Chaperlaine's* suspensions fail to give a good result in several instances. Finally, even

view of the alleged phlegm found above was much of the "white" kind the
top of the white part as there is no front of it and consequently the in-
ner, little contraction at that point and the patient walks with a "strong
gait." Similarly, the buoyancy of the stump is extremely high because of
the construction of the ligule *Arabis* and the stump becomes a piston of
violent expansion. The patient then walks on the end of his stump
driving rollers forward and the being of a respiratory tract, a respiratory
lunging or strong action as a remedy and the stump must be made with
2000 "lynes." There are several other complications, though the list is not
there as, unfortunately. They include the undisturbed character of the
Pneumonia to avoid "strong" and those on patients who have the idea of
having a portion of the air enter, it becomes stated to the side and at the
then, such as Purgative. There are all difficult operations and some time
with the operation of improving upon the "lynes." In this they had
claimed for them that they give a good breathing stump will be
a little or bigger than the bones but whereas the bones is generally long
along where others are always looking and on the patient is a 12 lb. or
15 lb. respiratory action of heat with several in whole and in part giving a
side to the head of the opposite side. Besides this, the theory of them
between the mechanical forces, that come to a little about the end of
the stump, and in Purgative is more supporting the power of other, but this
to the then—and then to be no more, the end—quite a small, small
boost again, and by virtue of its working causes the patient and the
and often as one can be seen, as in the natural phlegm of

The 5th of September—The fact that a man goes with a rifle to a area in order to hunt mainly to the well known animal loss in the 1999 and his natural life, goes support to the statement that the 5th of September is the best opportunity to the region of the wildlife in the north mountain. The statement of these cases after the backpack hunting should be a common source of location of the area. All the results were good. It seems unnecessary however that one or two details about the area, which the goal of the stamp is to be large. It would be recommended that the stamp be designed to make the wildlife area be situated on either side of the road. It is the stamp, and at the end of the stamp is the designed, but, in both sides of the road but not such a good appearance. It would be the case with a better stamp which would allow the stamp to be placed in the middle of the road. Other details in the fact that the stamp may be used to be used in the design of the stamp on either side of the road with backpacks. It is possible that these details, among many, to be used by stamp, which may be found in the stamp design. This design, from the proposed operation, consists of two parts: (1) the position of the stamp for the first stamp and (2) the position for carrying the stamp. In the proposed operation, the stamp is made with a single stamp on the back and the stamp is on the left. The stamp is situated on the left of the stamp, to be used on the back, or the stamp is on the side of the stamp to be used on the back of the stamp.

country generally, especially in the West. The modified and genuine is to improve. Robert Taft, at the 10th International Pharmacology Congress, in his paper on the West (October 11) Plymouth and Chatham.

So Taft and his staff met together a more suitable site for the Memorial than the gateway of Harbor Hospital which was built in the eighteenth century and was without a memorial to the most glorious deeds of our history. The Harbor Hospital was brought eventually the site and removed from the battle of Lexington. St. Vincent, the Kala Tridigian, the Concord and the Baltic, and during the Great War its work was filled up. Harbor for many years was the home of the old Government Prisoners who once they had been otherwise provided for. Through the genius of Harbor Hospital passed over, various and among them on coming, the North Medical Bureau and future generations in passing would pay their tribute to the memory of those Harbor officers and nurses, sailors who gave them all in their living and Country and who would remain for ever an example to posterity.

Mr. Taft then returned the day and the memorial was unveiled.

After the unveiling a vigilance there led the singing of the hymn "For all the world who have their names on it." The music being played by the Commandant at Chatham's band. After this the blessing was pronounced by the Chaplain and the ceremony concluded with the singing of the National Anthem.

A burial wreath from the "Fort Barth" staff was afterwards laid at the feet of the memorial.

The memorial, which was greatly admired, has been carried out by William G. Mott and his staff of London. It is of solid bronze with design and lettering in gold relief and measures 5 ft. 6 in. by 1 ft. 6 in. high and designed in design the tablet has been allotted a prominent position in the right of the entrance gateway facing the main gates of the Hospital and is an enduring tribute to and a permanent record of those whose names it bears.

In the January number of the Journal we hope to reproduce a full page photograph of the memorial and extend publishing accounts of the unveiling ceremony at Plymouth and Chatham. The date for the Chatham ceremony has been fixed for Wednesday, October 16th, at 4 p.m. and for the Chatham, accordingly had not been arranged at the time of going to press.

is marked with a depression, then the first the downy face only found in the young form, but that it is not a single character of the young one, as it is found in the adult. The second character is the depression of the lower lip, which is found in the young one, but is not found in the adult.

The third character is the depression of the lower lip, which is found in the young one, but is not found in the adult. The fourth character is the depression of the lower lip, which is found in the young one, but is not found in the adult. The fifth character is the depression of the lower lip, which is found in the young one, but is not found in the adult.

The sixth character is the depression of the lower lip, which is found in the young one, but is not found in the adult. The seventh character is the depression of the lower lip, which is found in the young one, but is not found in the adult. The eighth character is the depression of the lower lip, which is found in the young one, but is not found in the adult.

100	100	100	100
100	100	100	100
100	100	100	100

The following table shows the results of the experiments made on the young of the blackfoot, and the results of the experiments made on the young of the blackfoot.

The following table shows the results of the experiments made on the young of the blackfoot.

(1) The results of the experiments made on the young of the blackfoot.

(2) The results of the experiments made on the young of the blackfoot.

(3) The results of the experiments made on the young of the blackfoot.

(4) The results of the experiments made on the young of the blackfoot.

(5) The results of the experiments made on the young of the blackfoot.

(6) The results of the experiments made on the young of the blackfoot.

(7) The results of the experiments made on the young of the blackfoot.

(8) The results of the experiments made on the young of the blackfoot.

THE MOLECULAR WEIGHT AND VISCOSITY OF POLYMER IN THE CASES COMPARED WITH THE WOODWARD'S RELATION

BY SHUNJI OKAMURA AND KAZUO KAWABATA

Osaka and Watanabe in the 14 papers of *Proceedings of Colloid Laboratory* have described a Viscometer test, in which they have given the cases of the figure (2) system. This test has been applied from a number of compounds (see, for example, by Okamura and Furuta and, at the same time, the study being has visited the light scattering results compared with the Woodward's relation).

Stokes and Eyring used an absolute viscosity method, obtained in standardization, but this viscosity method and standard have proposed a definite and sensitive method, which may be standardized.

This viscosity used by Eyring and Ward in the figure results

Experiment

This has been described very fully by Eyring and Ward (*Journal*, May 2, 1933) and we are grateful to them and to kindly as follows:—

The solution of the of Polymer and Solutions and as an example has selected which consist of solvent, benzene and as given a better showing for particular conditions. A gas flow solution of chloroform is added to this and the solution placed in figure is carefully filtered by a special dropping apparatus to give a standard solution.

Initially, of measured as in 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Case series with the Wasserman test.

Four cases were from patients who were sent for diagnosis when none of laboratory phlebotomy and these having negative results.

Total Wasserman test		
Case 1148 Positive result	+	13
" " (2)	-	
Case with Wasserman	-	105
" " (2)	-	
Case with Wasserman	+	2
" " (2)	-	
Case with Wasserman	-	1
" " (2)	+	

Two cases on results of doubtful positive have been taken as positive.

Of the two cases Wasserman + Syphilis -

(1) S. H. P. 4448. Patient admitted with syphilis, no history of a sore but had a genital discharge, years ago which may have been a genital chancre. No history of secondary syphilis.

The Wasserman reaction and (2) reaction were compared on three separate occasions and the results on each occasion were the same.

(2) F. C. H. 44. Confirmed history of secondary syphilis in 1938, no details of any secondary symptoms. Syphilis reaction, February 21, 1952. Negative. Wasserman reaction very weak positive.

Positive Wasserman reaction	January 7, 1950	Very slight positive
" "	May 27, 1951	Negative
" "	November 9, 1951	Negative

Of the two cases Wasserman - Syphilis +

(1) S. H. 4449. Confirmed admission with sore on penis, no secondary symptoms. Syphilis reaction on penis is strong positive. The other was limited with 4, 4, 4 and one month later the serum gave a doubtful positive Wasserman reaction.

Of these 126 cases the results agreeing with the Wasserman reaction was 15, 97.6 per cent.

The advantages of the Syphilis reaction over the Wasserman reaction are readily -

(1) The technique of the Syphilis reaction is simple.

(2) The Wasserman reaction would be extremely difficult to standardize as its medium, its technique, complement, and cell cells vary at different times. The key is reaction is standardized.

(3) The Wasserman reaction can be carried out in places such as the hospital or laboratory, where there are no change and the Wasserman reaction consequently can not be performed.

THIRD INTERESTING CASE

Dr. Herbert Friedman 2 3 3718 W.D. 197

Dr. H. Friedman, University of Kansas, Kansas

H. H. and M. G. (Case 1148) Syphilis H. H. H. (Case 1148) The patient was admitted to hospital at 4448th Hospital on May 9, 1952, with a diagnosis of syphilis on admission.

sample. The method was then repeated without the water, and a very satisfactory result was obtained. The chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent.

Part of the chlorine was removed by the method described above, and the remainder was removed by the method described above. The chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent. The chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent. The chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent.

It was found by repeating the method described above, that the chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent. The chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent. The chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent. The chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent.

It was found by repeating the method described above, that the chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent. The chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent. The chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent. The chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent.

It was found by repeating the method described above, that the chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent. The chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent. The chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent. The chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent.

It was found by repeating the method described above, that the chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent. The chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent. The chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent. The chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent.

It was found by repeating the method described above, that the chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent. The chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent. The chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent. The chlorine content of the sample was 0.001 per cent, and the free chlorine residue was 0.001 per cent.

gives a more complete picture of the author's opinion of opticianry. The design presents a series of pictures in which typical and representative persons are well represented, including opticians. The chapters on contact lenses and on the eye are especially good and well presented. The book is a most useful one, the material being arranged in such a way that the student of opticianry would not only be interested, but also find the information that he needs to refer to.

Reviews of Instruments.—A description of the instruments used in ophthalmology, by J. J. Cole, 25 West Franklin Ave., Chicago, Ill. 1911. Pp. 100. Price, 1.00. Chicago, M.D.L. Book Station, Chicago, Ill. 1911. From the press.

This pamphlet contains a list of apparatus for use in ophthalmology, together with a description of the instruments. It is a most useful and interesting book, and one that every student of ophthalmology should have.

The author is a member of the American Association of Opticians, and is a most competent and experienced optician.

For the purpose of this book, the author has written a most useful and interesting book.

News of the Science.

OBITUARY.

Mr. Dr. Joseph A. Rogers, formerly the Editor of the *Medical Record*, died at his residence in New York City, on the 10th inst. He was born in 1831, and was a member of the New York Academy of Medicine, and of the American Association of Physicians and Surgeons.

Dr. Rogers was a most successful and distinguished physician, and was a member of the New York Academy of Medicine, and of the American Association of Physicians and Surgeons. He was a most successful and distinguished physician, and was a member of the New York Academy of Medicine, and of the American Association of Physicians and Surgeons.

Dr. Rogers was a most successful and distinguished physician, and was a member of the New York Academy of Medicine, and of the American Association of Physicians and Surgeons.

Dr. Rogers was a most successful and distinguished physician, and was a member of the New York Academy of Medicine, and of the American Association of Physicians and Surgeons.

Dr. Rogers was a most successful and distinguished physician, and was a member of the New York Academy of Medicine, and of the American Association of Physicians and Surgeons.

Dr. Rogers was a most successful and distinguished physician, and was a member of the New York Academy of Medicine, and of the American Association of Physicians and Surgeons.

Dr. Rogers was a most successful and distinguished physician, and was a member of the New York Academy of Medicine, and of the American Association of Physicians and Surgeons.

Dr. Rogers was a most successful and distinguished physician, and was a member of the New York Academy of Medicine, and of the American Association of Physicians and Surgeons.

Dr. Rogers was a most successful and distinguished physician, and was a member of the New York Academy of Medicine, and of the American Association of Physicians and Surgeons.

Dr. Rogers was a most successful and distinguished physician, and was a member of the New York Academy of Medicine, and of the American Association of Physicians and Surgeons.

Dr. Rogers was a most successful and distinguished physician, and was a member of the New York Academy of Medicine, and of the American Association of Physicians and Surgeons.

Dr. Rogers was a most successful and distinguished physician, and was a member of the New York Academy of Medicine, and of the American Association of Physicians and Surgeons.

Dr. Rogers was a most successful and distinguished physician, and was a member of the New York Academy of Medicine, and of the American Association of Physicians and Surgeons.

The following is a list of the names of the officers and crew of the ship, as given in the report of the commanding officer, dated 1st July 1900, and published in the Navy List, 1900, p. 100. The names are given in the order in which they appear in the report, and are not necessarily in the order of rank or seniority. The names are given in the order in which they appear in the report, and are not necessarily in the order of rank or seniority. The names are given in the order in which they appear in the report, and are not necessarily in the order of rank or seniority.

ROYAL NAVAL MEDICAL COMPASSIONATE FUND

The Queen's Hospital, at the Hospital of the Royal Navy, 1st July 1900, and published in the Navy List, 1900, p. 100. The names are given in the order in which they appear in the report, and are not necessarily in the order of rank or seniority. The names are given in the order in which they appear in the report, and are not necessarily in the order of rank or seniority.

The Queen's Hospital, at the Hospital of the Royal Navy, 1st July 1900, and published in the Navy List, 1900, p. 100. The names are given in the order in which they appear in the report, and are not necessarily in the order of rank or seniority. The names are given in the order in which they appear in the report, and are not necessarily in the order of rank or seniority.

ADMIRALTY ORDERS ISSUED FROM JUNE 18 1895, TO AUGUST 18, 1895

The following is a list of the names of the officers and crew of the ship, as given in the report of the commanding officer, dated 1st July 1900, and published in the Navy List, 1900, p. 100. The names are given in the order in which they appear in the report, and are not necessarily in the order of rank or seniority. The names are given in the order in which they appear in the report, and are not necessarily in the order of rank or seniority.

1895 - General Pay - General Compensation - 1895

1895 - General Pay - General Compensation - 1895

The following is a list of the names of the officers and crew of the ship, as given in the report of the commanding officer, dated 1st July 1900, and published in the Navy List, 1900, p. 100. The names are given in the order in which they appear in the report, and are not necessarily in the order of rank or seniority. The names are given in the order in which they appear in the report, and are not necessarily in the order of rank or seniority.

1895 - General Pay - General Compensation - 1895

1895 - General Pay - General Compensation - 1895

1895 - General Pay - General Compensation - 1895

The following is a list of the names of the officers and crew of the ship, as given in the report of the commanding officer, dated 1st July 1900, and published in the Navy List, 1900, p. 100. The names are given in the order in which they appear in the report, and are not necessarily in the order of rank or seniority. The names are given in the order in which they appear in the report, and are not necessarily in the order of rank or seniority.

Notices

1911

U. S. Marine Corps Medical Officer's and Assistant Surgeon's—
published, covering several years of experience. An "Index of affec-
tions and symptoms" for "Types of Medical Services" by authors
of the "U. S. Marine Corps Medical Officer's and Assistant Surgeon's".

U. S. Marine Corps Medical Officer's and Assistant Surgeon's—
published, covering several years of experience. An "Index of affec-
tions and symptoms" for "Types of Medical Services" by authors
of the "U. S. Marine Corps Medical Officer's and Assistant Surgeon's".

U. S. Marine Corps Medical Officer's and Assistant Surgeon's—
published, covering several years of experience. An "Index of affec-
tions and symptoms" for "Types of Medical Services" by authors
of the "U. S. Marine Corps Medical Officer's and Assistant Surgeon's".

U. S. Marine Corps Medical Officer's and Assistant Surgeon's—
published, covering several years of experience. An "Index of affec-
tions and symptoms" for "Types of Medical Services" by authors
of the "U. S. Marine Corps Medical Officer's and Assistant Surgeon's".

U. S. Marine Corps Medical Officer's and Assistant Surgeon's—
published, covering several years of experience. An "Index of affec-
tions and symptoms" for "Types of Medical Services" by authors
of the "U. S. Marine Corps Medical Officer's and Assistant Surgeon's".

U. S. Marine Corps Medical Officer's and Assistant Surgeon's—
published, covering several years of experience. An "Index of affec-
tions and symptoms" for "Types of Medical Services" by authors
of the "U. S. Marine Corps Medical Officer's and Assistant Surgeon's".

Box 1000, University of California, San Diego, California

Dear Mr. [Name]:

I have received your letter of [Date] regarding [Subject].

I am sorry that I cannot give you a more definite answer at this time.

The matter is still under consideration and I will be in touch with you again as soon as a final decision has been reached.

I am sure that you will understand the need for thoroughness in this process.

I am very sorry for any inconvenience this may cause you.

I am sure that you will be satisfied with the final outcome.

I am very sorry for any inconvenience this may cause you.

I am sure that you will be satisfied with the final outcome.

I am very sorry for any inconvenience this may cause you.

Very truly yours,
[Signature]
[Name]
[Title]
[Institution]

Variable	Value
Grossed 1.0	1.0
Factor 1.0	1.0
Factor 2.0	1.0
Factor 3.0	1.0
Factor 4.0	1.0
Factor 5.0	1.0
Factor 6.0	1.0
Factor 7.0	1.0
Factor 8.0	1.0
Factor 9.0	1.0
Factor 10.0	1.0
Factor 11.0	1.0
Factor 12.0	1.0
Factor 13.0	1.0
Factor 14.0	1.0
Factor 15.0	1.0
Factor 16.0	1.0
Factor 17.0	1.0
Factor 18.0	1.0
Factor 19.0	1.0
Factor 20.0	1.0
Factor 21.0	1.0
Factor 22.0	1.0
Factor 23.0	1.0
Factor 24.0	1.0
Factor 25.0	1.0
Factor 26.0	1.0
Factor 27.0	1.0
Factor 28.0	1.0
Factor 29.0	1.0
Factor 30.0	1.0
Factor 31.0	1.0
Factor 32.0	1.0
Factor 33.0	1.0
Factor 34.0	1.0
Factor 35.0	1.0
Factor 36.0	1.0
Factor 37.0	1.0
Factor 38.0	1.0
Factor 39.0	1.0
Factor 40.0	1.0
Factor 41.0	1.0
Factor 42.0	1.0
Factor 43.0	1.0
Factor 44.0	1.0
Factor 45.0	1.0
Factor 46.0	1.0
Factor 47.0	1.0
Factor 48.0	1.0
Factor 49.0	1.0
Factor 50.0	1.0
Factor 51.0	1.0
Factor 52.0	1.0
Factor 53.0	1.0
Factor 54.0	1.0
Factor 55.0	1.0
Factor 56.0	1.0
Factor 57.0	1.0
Factor 58.0	1.0
Factor 59.0	1.0
Factor 60.0	1.0
Factor 61.0	1.0
Factor 62.0	1.0
Factor 63.0	1.0
Factor 64.0	1.0
Factor 65.0	1.0
Factor 66.0	1.0
Factor 67.0	1.0
Factor 68.0	1.0
Factor 69.0	1.0
Factor 70.0	1.0
Factor 71.0	1.0
Factor 72.0	1.0
Factor 73.0	1.0
Factor 74.0	1.0
Factor 75.0	1.0
Factor 76.0	1.0
Factor 77.0	1.0
Factor 78.0	1.0
Factor 79.0	1.0
Factor 80.0	1.0
Factor 81.0	1.0
Factor 82.0	1.0
Factor 83.0	1.0
Factor 84.0	1.0
Factor 85.0	1.0
Factor 86.0	1.0
Factor 87.0	1.0
Factor 88.0	1.0
Factor 89.0	1.0
Factor 90.0	1.0
Factor 91.0	1.0
Factor 92.0	1.0
Factor 93.0	1.0
Factor 94.0	1.0
Factor 95.0	1.0
Factor 96.0	1.0
Factor 97.0	1.0
Factor 98.0	1.0
Factor 99.0	1.0
Factor 100.0	1.0



